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The invention relates to a novel nucleic acid molecule expressed in liver or stomach tissue, useful for diagnosing or treating obesity, anorexia act. The nucleic acid molecule is useful as a diagnostic and therapeutic agent or as a target for agents which act as modulators and/or monitors of physiological processes associated with obesity, anorexia, weight maintenance, impaired muscle development, diabetes and/or metabolic energy levels and/or other physiological conditions. Alkylguanine alkyltransferase (AGT)-117, AGT-110, AGT-119, AGT-111, AGT-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Leber's hereditary optic neuropathy. LHON, mitochondrial encephalopathy lactic acidosis and stroke, MELAS; myoclonic epilepsy ragged red fibre syndrome, MERRF; cancer; neuroprotective, noctropic, antidiabetic, anticonvulsant; antiarthritic, osteopathic, ophthalmological; cytostatic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Identifying a mitochondrial target for drug screening assays and for treating diseases associated with altered mitochondrial function, comprises detecting a modified polypeptide in a sample and correlating
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Human heat mitochondrial protein as a therapeutic target SeqID2509.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB 6; Length 395;
0. 2.1e+02;
ches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       screening assay; diabetes mellitus;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gibson BW, Taylor SW,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    30.0%; Score 6; DB 6
100.0%; Pred. No. 2.1
tive 0; Mismatches
                        Example 13; Page 64-65; 115pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Claim 1; SEQ ID NO 2509; 180pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          osteoarthritis;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADJ70703 standard; protein; 395 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Zhang B,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         12-APR-2002; 2002US-0372843P.
17-JUN-2002; 2002US-0389987P.
20-SEP-2002; 2002US-0412418P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            04-APR-2003; 2003WO-US010870
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  mitochondrial; human;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Huntington's disease;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   WPI; 2003-845369/78.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               365 QMLETK 370
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              13 QMLETK 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 395 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      WO2003087768-A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (MITO-) MITOKOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Homo sapiens.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        06-MAY-2004
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Warnock DE;
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This invention relates to novel mitochondrial targets that can be used for therapeutic intervention in treating a disease associated with altered mitochondrial function. Specifically, it refers to a method for identifying proteins of the human heart mitochondrial proteome that are useful for drug screening assays, as well as therapeutic targets. The present invention describes a method for identifying such proteins that can be used in the treatment of various diseases associated with altered mitochondrial function including diabetes mellitus, Huntington's disease, osteoarthritis, Leber's hereditary optic neuropathy (LHON), mitochondrial encephalopathy lactic acidosis and stroke (MELAS), myoclonic epilepsy ragged red fibre syndrome (MERRF) or cancer. Accordingly, these compositions have neuroprotective, nootropic, antidiabetic, antidarchitic, osteopathic, ophthalmological and mitochondrial proteins. This polypeptide sequence is a human heart
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(1) a vector comprising a promoter operably linked to the nucleic acid encoding a polypeptide whose expression is inhibited by the antisense nucleic acid; (2) a host cell containing the vector; (3) an isolated
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Antisense; prokaryotic essential gene; cell proliferation; drug design.
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                                                                                                                                                                                                                                                                                                                                                                                  Gaps
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Xu HH;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                New antisense nucleic acids, useful for identifying proteins or scre
for homologous nucleic acids required for cellular proliferation to
isolate candidate molecules for rational drug discovery programs.
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                                                                                                                                                                                                                                                                                                                                             Length 395;
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Yamamoto R, Forsyth RA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Protein encoded by Prokaryotic essential gene #34552.
                                                                                                                                                                                                                                                                                                                                           DB 7; Len
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Haselbeck R,
                                                                                                                                                                                                                                                                                                                                         30.0%; Score 6; DB 7
100.0%; Pred. No. 2.1
iive 0; Mismatches
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                                                                                                                                                                                                                                                                 mitochondrial protein of the invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ABU49025 standard; protein; 434 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Carr GJ,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        06-SEP-2001; 2001US-00948993.
25-OCT-2001; 2001US-0342923P.
08-FEB-2002; 2002US-00072851.
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                                                                                                                                                                                                                                                                                                                                                                                  6; Conservative
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Trawick JD,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            WPI; 2003-029926/02
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Best Local Similarity
Matches 6; Conserv
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                                                                                                                                                                                                                                                                                                      Sequence 395 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Vibrio cholerae.
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Wall D,
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polypeptide acid; (4) an antibody capable of specifically binding the polypeptide; (5) producing the polypeptide; (6) inhibiting cellular proliferation or the activity of a gene in an openon required for proliferation, (7) identifying a compound that influences the activity of the gene product or that has an activity against a biological pathway compared for proliferation, or that inhibits cellular proliferation; (8) identifying a gene required for cellular proliferation or the biological pathway in which a proliferation-required gene or its gene product lies or agene on which the test compound that inhibits proliferation of an organism acts; (9) manufacturing an antibiotic; (10) profiling a compound, a activity; (11) a culture comprising strains in which the gene product is overexpressed or underexpressed; (12) determining the extent to which each of the strains is present in a culture or collection of strains; or (13) identifying the target of a compound that inhibits the confiferation of an organism. The antisense nucleic acids required for identifying proteins or screening for homologous nucleic acids required for callular proliferation of the indicate candidate molecules for rational
                                                                                                                                                                                                                                                                                                                                                     drug discovery programs, or for screening homologous nucleic acids required for proliferation in cells other than S. aureus, S. typhimurium, K. pneumoniae or P. aeruginosa. The present sequence is encoded by one of the target prokaryotic essential genes. Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at the printed for the printed for the printed for the printed for the printed patents.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           isolated nucleic acid detection reagent for detecting 1000 or more is from Drosophila and for elucidating cell signaling and cell-cell
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Drosophila; developmental biology; cell signalling; insecticide;
polypeptide or its fragment whose expression is inhibited by the
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         30.0%; Score 6; DB 6; Length 434; 100.0%; Pred. No. 2.3e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ABB66870 standard; protein; 444 AA.
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11-JUL-2000; 2000US-00614150.
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 434 AA;
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                            13
     The invention relates to an isolated nucleic acid detection reagent capable of detecting 1000 or more genes from Drosophila. The invention useful in developmental biology and in elucidating call signalling and cell-cell interactions in higher eukaryotes for the development of insecticides, therapeutics and pharmaceutical drugs. The invention discloses genomic DNA sequences (ABL16176-ABL30511), expressed DNA sequences (ABL16175-ABL30511), expressed DNA ABB72072). The sequence data for this patent did not form part of the printed specification, but was obtained in electronic form part of from wirpo at ftp.wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          New isolated nucleic acid detection reagent for detecting 1000 or more genes from Drosophila and for elucidating cell signaling and cell-cell
                                                                                                                                                                                                                                                                    Gaps
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                                                                                                                                                                                                                                    Length 444;
                                                                                                                                                                                                                                                                  0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Drosophila melanogaster polypeptide SEQ ID NO 11019.
                                                                                                                                                                                                                                  Score 6; DB 4; Les
Pred. No. 2.3e+02;
                                                                                                                                                                                                                                                                  Mismatches
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100.0%; Pre
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11-JUL-2000; 2000US-00614150.
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                                                                                                                                                                                                                                                                    Conservative
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                                                                                                                                                                                                                                                                                                                                      334 LETKFL 339
                                                                                                                                                                                                                                                  Best Local Similarity
Matches 6; Conserv
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                                                                                                                                                                                                    Sequence 444 AA;
                                                                                                                                                                                                                                                                                                      LETKFL
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Sequence 444 AA;

Disclosure; SEQ ID NO 27402; 21pp + Sequence Listing; English.

interactions

ABR58452

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ABR58452 standard; protein; 571 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        This represents a human GPR38 variant (GPR38V) polypeptide. GPR38V can be expressed by standard recombinant methodology. The polynucleotides and polypeptides are used in the treatment of bacterial, fungal, protozoal and viral infections, infections caused by HIV-1 or HIV-2, pain, cancers, diabetes, obesity, anorexia, asthma, Parkinson's disease, acute heart diabetes, hypertension, urinary retentions, osteoporosis, alergies, ulcers, migraine, psychotic and neurological disorders, or dyskinesias. They are also useful for identifying agonists and antegonists that are potentially useful in therapy, as vaccines to induce immunological response in a mammal. The polypeptides may also be used as immunogens to produce antibodies immunospecific for the polypeptides, and to identify membrane bound or soluble receptors
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           New human GPR38V polypeptide and polynucleotide, useful for treating e.g. bacterial, fungal, protozoal and viral infections, cancers or allergies, as vaccines, and for identifying agonists and antagonists potentially
                                                                                                                                                                                                                                                                                                                                                           GPR38V; variant; antibacterial; cytostatic; analgesic; antiasthmatic; anti-Parkinsoniam; hyperansive; antidiabetic; osteopathic; antiallergic; antimigraine; neuroleptic; nootropic; anticonvulsant; antiulcer; antiemetic; cardiant; vaccine; human.
                                         Gaps
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0
30.0%; Score 6; DB 4; Length 444; 100.0%; Pred. No. 2.3e+02; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                     Human GPR38 variant GPR38V polypeptide.
                                                                                                                                                                                                        AAG65822 standard; protein; 501 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Claim 1; Page 26; 32pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   28-FEB-2001; 2001WO-US006277.
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                                                                                                                                                                                                                                                                                  (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Elshourbagy N, Shabon U;
                                       6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    WPI; 2001-638956/73.
                                                                                                             334 LETKFL 339
 Query Match
Best Local Similarity
Matches 6; Conserv
                                                                          15 LETKFL 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 501 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          WO200164836-A2.
                                                                                                                                                                                                                                                                                  30-JAN-2002
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                                                                                                                                                                                                                                             AAG65822;
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The present invention relates to novel human NOV proteins and their coding sequences (ACC72015-ACC72181 and ABRS8465-ABRS8469). The NOV proteins are useful in manufacturing a medicament for treating a syndrome associated with a human disease. The NOV proteins and coding sequences may be used to diagnose, treat or prevent metabolic disorders such as diabetes or obesity, infections, cachexia, cancer, neurodegenerative disorders such as Alzheimer's disease or Parkinson's disease, immune
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NOVX polypeptides and nucleic acids useful for diagnosing, preventing or treating NOVX-associated disorders, e.g. diabetes, obesity, cancer or dyslipidemia, and in chromosome mapping, tissue typing or
                                                                                                                           immunomodulator; cytostatic; nootropic; neuroprotective; dyslipidaemia; antiparkfusonian; antilippemic; gene therapy; metabolic disorder; diabetes; obesity; infection; cachexia; cancer; Parkinson's disease; neurodegenerative disorder; Alzheimer's disease; immune disorder;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Alsobrook JP, Anderson DW, Boldog FL, Burgess CE, Catterton E, Edinger SR, Ellerman K, Gerlach VL, Gorman L, Guo X, Ji W; Edkuda K, Leach MD, Li L, Miller CE, Patturajan M, Rieger DK; Rothenberg ME, Shinkers RA, Smithson G, Spytek KA, Taupier RJ; Vernet CAM, Voss EZ, Zerhusen BD, Zhong M;
                                                                                                                 Human; NOV; antidiabetic; anorectic; antibacterial; virucide;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Claim 1; Page 256; 487pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                    20010S-0328086P
20010S-0328449P
20010S-0329144P
20010S-03301414P
20010S-0341088P
20010S-0341088P
20010S-0343629P
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2001US-0327342P.
2001US-0327917P.
2001US-0328029P.
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2002US-0381635P.
2002US-0383830P.
2002US-00262839.
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2002US-0373805P.
2002US-0374738P.
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2001US-0346357P.
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                                                       (first entry)
                                                                                                                                                                                      haematopoietic disorder
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                                                                                                                                                                                                                                            WO2003029423-A2.
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15-0CT-2001;
15-0CT-2001;
22-0CT-2001;
24-0CT-2001;
24-0CT-2001;
29-0CT-2001;
01-NOV-2001;
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12-APR-2002;
17-APR-2002;
19-APR-2002;
23-APR-2002;
                                                       07-JUL-2003
                                                                                                                                                                                                                    Homo sapiens.
                                                                                    Human NOV47c
                                                                                                                                                                                                                                                                                                                                                                                           09-OCT-2001;
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05-OCT-2001;
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                            ABR58452;
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Gaps

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30.0%; Score 6; DB 4; Length 501; 100.0%; Pred. No. 2.6e+02; ive 0; Mismatches 0; Indels

6; Conservative

Local Similarity

Query Match Best Loca Matches 85 PRGAPM 90

RESULT 13

1 PRGAPM 6

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Gaps

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The present invention relates to novel human NOV proteins and their coding sequences (ACC72075-ACC72181 and ABR58363-ABR58469). The NOV proteins are useful in manufacturing a medicament for treating a syndrome associated with a human disease. The NOV proteins and coding sequences may be used to diagnose, treat or prevent metabolic disorders such as diabetes or obesity, infections, cachexia, cancer, neurodegenerative disorders such as Alzheimer's disease or Parkinson's disease, immune disorders, haematopoietic disorders and various dyslipidaemias
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         mitochondrial; human; screening assay; diabetes mellitus;
Huntington's disease; osteoarthritis;
Leber's hereditary optic neuropathy; LHON;
mitochondrial encephalopathy lactic acidosis and stroke; MELAS;
myoclonic epilepsy ragged red fibre syndrome; MERRF; cancer;
neuroprotective; nootropic; antidiabetic; anticonvulsant; antiarthritic;
osteopathic; ophthalmological; cytostatic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Identifying a mitochondrial target for drug screening assays and for treating diseases associated with altered mitochondrial function, comprises detecting a modified polypeptide in a sample and correlating
NOVX polypeptides and nucleic acids useful for diagnosing, preventing treating NOVX-associated disorders, e.g. diabetes, obesity, cancer or dyslipidemia, and in chromosome mapping, tissue typing or
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Human heat mitochondrial protein as a therapeutic target SeqID2869.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            This invention relates to novel mitochondrial targets that can be
                                                                                                                                                                                                                                                                                                                                             30.0%; Score 6; DB 6; Length 577; 100.0%; Pred. No. 2.8e+02; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Taylor SW,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gibson BW,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Claim 1; SEQ ID NO 2869; 180pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADJ71063 standard; protein; 731 AA.
                                                                                                  Claim 1; Page 265; 487pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Zhang B,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   12-APR-2002; 2002US-0372843P.
17-JUN-2002; 2002US-0389987P.
20-SEP-2002; 2002US-0412418P.
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(BUCK-) BUCK INST AGE RES.
                                                                                                                                                                                                                                                                                                                                                                                     Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                546 QMLETK 551
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                                                             pharmacogenomics.
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                                                                                                                                                                                                                                                                                                            Sequence 577 AA;
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                                                                                                                      Gaps
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       disorders, haematopoietic disorders and various dyslipidaemias
                                                                            80.0%; Score 6; DB 6; Length 571;
100.0%; Pred. No. 2.8e+02;
1ve 0; Mismatches 0; Indels
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2001US-0327917P.
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2001US-0341058P.
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2002US-0371972P.
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01-OCT-2002; 2002US-00262839
                                                                                30.08;
                                                                                                                                                                                                                                                                                                                                                                   (first entry)
                                                                                                                      Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           haematopoietic disorder
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                                                           Query Match
Best Local Similarity
6; Conserve
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                                         Sequence 571 AA;
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12-OCT-2001; 2
17-OCT-2001; 2
22-OCT-2001; 2
24-OCT-2001; 2
24-OCT-2001; 2
24-OCT-2001; 2
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17-APR-2002;
19-APR-2002;
23-APR-2002;
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05-OCT-2001;
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12-APR-2002;
                                                                                                                                                                                                                                                                                                                                                                                                      Human NOV47k
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Glenn GM;

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Query Match
Best Local Similarity
Matches 6; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    Williams LT,
                                                                                                                                                                                                                                                                                                      08-JUL-2003;
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       altered mitochondrial function. Specifically, it refers to a method for identifying proteins of the human heart mitochondrial proteome that are useful for drug screening assays, as well as therapeutic targets. The present invention describes a method for identifying such proteins that can be used in the treatment of various diseases associated with altered mitochondrial function including diabetes mellitus, Huntington's disease, osteoarthritis, Leber's hereditary optic neuropathy (LHON), mitochondrial encephalopathy lactic acidosis and stroke (MELAS), myoclonic epilepsy ragged red fibre syndrome (MERRF) or cancer. Accordingly, these ompositions have neuroprotective, nootropic, antidiabetic, antidiabetic, antidiated and cytostatic activities. This polypeptide sequence is a human heart mitochondrial protein of the invention.
                                                                                                                                                                                                                                                                                                                                                                                   antibacterial; virucide; antipsoriatic; cytostatic; gene therapy; vaccine; inflammatory; CNS; immune disorder; cancer; psoriasis; diabetes; early aging; hormonal imbalance; ischemic heart disease;
                                                                                                                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                            anti-inflammatory; dermatological; neuroprotective; immunomodulator;
for therapeutic intervention in treating a disease associated with
                                                                                                                                                                                               0;
                                                                                                                                                                          30.0%; Score 6; DB 7; Length 731; 100.0%; Pred. No. 3.4e+02; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                          ADN99559 standard; protein; 847 AA
                                                                                                                                                                                                                                                                                                                                                     Novel human protein sequence #375.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2002US-0426355P.
2002US-0426384P.
2002US-0426394P.
2002US-0426430P.
2002US-0426430P.
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2002US-0429275P.
2002US-0429302P.
2002US-0429326P.
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2002US-0422177P.
2002US-0422178P.
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2002US-0421552P.
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                                                                                                                                                                                                6; Conservative
                                                                                                                                                                                                                                       542 PRGAPM 547
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                     ulcerative colitis.
                                                                                                                                                                                                                    1 PRGAPM 6
                                                                                                                                                       Sequence 731 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    15-NOV-2002; 2
15-NOV-2002; 2
15-NOV-2002; 2
15-NOV-2002; 2
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27-NOV-2002;
27-NOV-2002;
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30-OCT-2002;
30-OCT-2002;
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05-DEC-2002;
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                                                                                                                                                                                               Matches
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polynucleotide sequence or its complement that encodes a polypeptide. I nucleic acid is useful in preparing a composition for treating or preventing inflammatory, CNS, immune, bacterial or viral disorder, cancer, psoriasis, diabetes, early aging, hormonal imbalance, ischemic heart disease or ulcerative colitis. This sequence corresponds to a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      , Hestir K, Beaurang PA, Behrens D;
Lin H, Linnemann T, Pierce K, Wang Y;
Zeng C;
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100.0%; Pred. No.
tive 0; Mismatch
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05-DEC-2002; 2002US-0430965P.

05-DEC-2002; 2002US-0431458P.

12-DEC-2002; 2002US-043325IP.

13-DEC-2002; 2002US-0433316P.

13-DEC-2002; 2002US-0433316P.

23-DEC-2002; 2002US-0433318P.

23-DEC-2002; 2002US-0433318P.

23-DEC-2003; 2003US-043624P.
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18-APR-2003; 2003US-0440B21P.
18-APR-2003; 2003US-0463700P.
18-APR-2003; 2003US-0463708P.
18-APR-2003; 2003US-0463716P.
18-APR-2003; 2003US-046719P.
02-MAY-2003; 2003US-0467201P.
02-MAY-2003; 2003US-0467201P.
19-MAY-2003; 2003US-0471306P.
19-MAY-2003; 2003US-0471306P.
19-MAY-2003; 2003US-0471306P.
22-MAY-2003; 2003US-0471306P.
09-JUN-2003; 2003US-0476603P.
09-JUN-2003; 2003US-0476603P.
09-JUN-2003; 2003US-0476632P.
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15-JUL-2003; 2003US-0486960P.
08-AUG-2003; 2003US-0493341P.
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Wong JGP, Wu G, Zhang H,
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immunomodulator; cytostatic; nootropic; neuroprotective; dyslipidaemia; antiparkfusonian; antilipaemic; gene therapy; metabolic disorder; diabetes; obesity; infection; cancer; cancer; Parkinson's disease; neurodegenerative disorder; Alzheimer's disease; immune disorder;
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Best Local Similarity 100.0%; P
Matches 6; Conservative 0;
                                                                                                                                                                                   2001US-0326483P.
2001US-0327342P.
2001US-0327917P.
2001US-0328029P.
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2001US-0328056P.
2001US-0328849P.
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2001US-0330142P.
2001US-0341058P.
2001US-0339266P.
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2001US-0349575P.
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2002US-0373805P.
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2002US-0381101P.
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                                                     haematopoietic disorder
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N-PSDB; ACC72166.
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                                                                                                        WO2003029423-A2.
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17-0CT-2001;
22-0CT-2001;
24-0CT-2001;
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29-OCT-2001;
01-NOV-2001;
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16-MAY-2002;
17-MAY-2002;
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17-APR-2002;
                                                                                Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        The invention relates to a compound comprising a binding moiety which selectively binds to a protein or polypeptide listed in the specification (e.g. human autotaxin polypeptide or human CD24 signal transducer polypeptide), and a further moiety. The compound is useful in medicine or in the treatment, imaging, diagnosis or prognosis of mantle cell diagnostic or prognostic agent for MCL, or an agent for treating MCL, a diagnostic or prognostic agent for MCL, or an agent for imaging MCL cells in the body of an individual. This sequence corresponds to one of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                  New compound for treating, imaging, diagnosing or prognosing mantle cell lymphoma, comprises a binding molety (e.g. antibody) that binds to a protein (e.g. human autotaxin polypeptide), and a further molety (e.g. nucleic acid).
                                                                                                                                                                      cytostatic, gene therapy, binding moiety; medicine; imaging; diagnosis, prognosis, mantle cell lymphoma; cancer.
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                                                                                                                                                Human adult male brain KIAAA0960 protein for cancer treatment.
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100.0%; Pred. No. 5.2
:ive 0; Mismatches
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                                                                    ADL15079 standard; protein; 1290 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               polypeptides of the invention.
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29-JUN-2002; 2002GB-00015095.
                                                                                                                       (first entry)
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     385 LETKFL 390
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                                                                                                                                                                                                                 Homo sapiens.
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NOVX polypeptides and nucleic acids useful for diagnosing, preventing or treating NOVX-associated disorders, e.g. diabetes, obesity, cancer or dyslipidemia, and in chromosome mapping, tissue typing or pharmacogenomics.
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100.0%; Pred. No. 5.8e+02;
Live 0; Mismatches 0;
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1393 QMLETK 1398

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The present invention relates to novel human NOV proteins and their coding sequences (ACC72075-ACC72181 and ABR58363-ABR58469). The NOV proteins are useful in manufacturing a medicament for treating a syndrome
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                                                                                                                                 immunomodulator; cytostatic; nootropic; neuroprotective; dyslipidaemia; antiparkinsonian; antilipaemic; gene therapy; metabolic disorder; diabetes; obesity; infection; cachexia; cancer; Parkinson's disease; neurodegenerative disorder; Alzheimer's disease; immune disorder;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NOVX polypeptides and nucleic acids useful for diagnosing, preventing treating NOVX-associated disorders, e.g. diabetes, obesity, cancer or dyslipidemia, and in chromosome mapping, tissue typing or pharmacogenomics.
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                                                                                                                       anorectic; antibacterial; virucide;
           ABR58453 standard; protein; 1545 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Claim 1; Page 257; 487pp; English.
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2001US-0346357P.
2002US-0371972P.
2002US-0371980P.
2002US-0373261P.
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2001US-0330142P.
2001US-0341058P.
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2001US-0328056P.
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2002US-0381101P.
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2001US-0327917P.
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                                                                  (first entry)
                                                                                                                      Human; NOV; antidiabetic;
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N-PSDB; ACC72165.
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09-0CT-2001;
11-0CT-2001;
17-0CT-2001;
22-0CT-2001;
24-0CT-2001;
24-0CT-2001;
29-0CT-2001;
29-0CT-2001;
29-0CT-2001;
10-0CT-2001;
29-0CT-2001;
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12-APR-2002;
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                                                                                             Human NOV47d
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ABR58453
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associated with a human disease. The NOV proteins and coding sequences may be used to diagnose, treat or prevent metabolic disorders such as diabetes or obsity, infections, cachexia, cancer, neurodegenerative disorders such as Alzheimer's disease or Parkinson's disease, immune disorders, haematopoietic disorders and various dyslipidaemias
                                                                                                                                                Gaps
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100.0%; Pred. No. 5.9
:ive 0; Mismatches
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; 2001US-0329414P.
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2001US-0341058P.
2001US-0339266P.
2001US-0343629P.
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2001US-0346357P.
2002US-0371972P.
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2002US-0373261P
2002US-0373805P
2002US-0374738P
2002US-038101P
2002US-038101P
2002US-0381635P
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                                                                                                                                                                                                                                                                                                                                 (first entry)
                                                                                                                                             6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                haematopoietic disorder
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                                                                                                                              Best Local Similarity
                                                                                                                                                                         13 QMLETK 18
                                                                                       Sequence 1545 AA;
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09-0CT-2001;
12-0CT-2001;
15-0CT-2001;
17-0CT-2001;
22-0CT-2001;
24-0CT-2001;
24-0CT-2001;
24-0CT-2001;
24-0CT-2001;
25-0CT-2001;
27-0CT-2001;
28-0CT-2001;
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17-MAY-2002;
29-MAY-2002;
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17-APR-2002;
19-APR-2002;
23-APR-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Homo sapiens
                                                                                                                                                                                                                                                                                                                                                            Human NOV47f
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                                                                                                                  Query Match
                                                                                                                                          Matches
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                                                                                                                                                                                                                                               RESULT
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N-PSDB; AAI60237
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                                                                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                                             RESULT 22
                                                                                                                                                                                                                                                                                                                                                        ADO000979
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                                                                                                        The present invention relates to novel human NOV proteins and their coding sequences (ACC72075-ACC72181 and ABR58363-ABB58469). The NOV proteins are useful in manufacturing a medicament for treating a syndrome associated with a human disease. The NOV proteins and coding sequences may be used to diagnose, treat or prevent metabolic disorders such as diabetes or obesity, infections, cancer, neurodegenerative disorders such as Alzheimer's disease or Parkinson's disease, immune disorders, haematopoietic disorders and various dyslipidaemias
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           wang D;
, Zhao QA;
                                    NOVX polypeptides and nucleic acids useful for diagnosing, preventing or treating NOVX-associated disorders, e.g. diabetes, obesity, cancer or dyslipidemia, and in chromosome mapping, tissue typing or pharmacogenomics.
                                                                                                                                                                                                                                                                                                                                                                                                                Human, nootropic, immunosuppressant, cytostatic, gene therapy, cancer, peripheral nervous system; neuropathy, central nervous system; CNS; Alzheimer's, Parkinson's disease; Humtington's disease; haemostatic, amyotrophic lateral sclerosis, burbager Syndrome; chemotactic, chemokinetic, thrombolytic, drug screening, arthritis, inflammation;
                                                                                                                                                                                                                                           Gaps
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Zhang J,
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. 5.9e+02;
ches 0; Indels
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Yang Y,
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Xue AJ,
                                                                                                                                                                                                                       30.0%; Score 6; DB 6
100.0%; Pred. No. 5.9
tive 0; Mismatches
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rman T, Xu C,
Drmanac RT;
                                                                                                                                                                                                                                                                                                                                     AAM41081 standard; protein; 1551 AA
                                                                                        Claim 1; Page 260; 487pp; English.
                                                                                                                                                                                                                                                                                                                                                                                               Human polypeptide SEQ ID NO 6012.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2000US-00488725.
2000US-0055317.
2000US-00598042.
2000US-00620312.
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Mang Z, Wehrman T,
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2000US-00662191.
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2000US-00727344.
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                                                                                                                                                                                                                                 Best Local Similarity 100.
Matches 6; Conservative
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                                                                                                                                                                                                                                                                                   1395 OMLETK 1400
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           2003-381625/36
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                                                                                                                                                                                                    Sequence 1549 AA;
           WPI; 2003-381625,
N-PSDB; ACC72167
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29-NOV-2000;
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25-APR-2000;
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19-JUL-2000;
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14-SEP-2000;
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Wang J, I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      leukaemia
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encoded polypeptides (AAM)8642-AAM42213) with nootropic, encoded polypeptides (AAM)8642-AAM42213) with nootropic, encoded polypeptides (AAM)8642-AAM42213) with nootropic, in gene therapy. A composition containing a polypeptide or polymucleotide of the invention may be used to treat diseases of the peripheral nervous cof the invention may be used to treat diseases of the peripheral nervous correct classis of the peripheral nervous injuries, peripheral nervous system diseases, such as system, such as peripheral nervous injuries, peripheral nervous correct classis and central nervous system diseases, such as localised neuropathies and central nervous system disease, and virophic cutilisation of the activities such as: Immune system suppression, and thrombolytic activity, chemotactic/chemokinetic activity, hemostatic cand thrombolytic activity, arthritis and therapy, drug screening, assays for receptor activity, arthritis and inflammation, leukaemias and c.N.S disorders. Note: The sequence data for this patent did not form
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Novel nucleic acids and polypeptides, useful for treating disorders such as central nervous system injuries.
                                                                                                                                                                                                              The invention relates to human nucleic acids (AAI57798-AAI61369) and the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mouse; Alzheimer's disease; Gamma secretase; Psn gene; P-element; EP; APPL-SV; Amyloid precursor-like protein; APP; suppressor of hairless transcription factor; Su(H); VP16 activation domain; dementia; memory loss; language deterioration; impaired visuospatial skill.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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                                                                                                                                Example 2; SEQ ID NO 6012; 10078pp; English
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Matches 6; Conser
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The invention relates to identifying a compound comprising exposing cell expressing gene I having enhancing or suppression effect on an APPL-SV phenotype (a transgenic fruit fly expression effect on an APPL-SV phenotype (a transgenic fruit fly expression that having enhancing or suppression of hairless procein, APP, as a fusion protein with the suppressor of hairless crasscription factor, Su(H) and VPIG activation domain. The fusion protein is cleaved by gamma secretase (encoded by the Psn gene) to protein is cleaved by gamma secretase (encoded by the Psn gene) to protein is cleaved by gamma secretase (encoded by the Psn gene) to clease the Su(H-VPIG, which affects wing vein development. Genes affecting Psn expression that have belement insertion library, and the DNA recovered from the appropriate Ps train and sequenced) chosen from AD000861-AD000964, being the insertion of biological pathway, gene expression or protein commandan homologues, identifying modulation of Alzhaimer's disease (AD) symptoms of AD and an agent that changes the expression or protein chosen from AD000865-AD01066, and treating the expression or polypeptide and a agent that changes the expression of a gene chosen from AD000865-AD01066, and treating the subject with the agent) and composition (comprising a nucleic acid encoding a polypeptide or an expression vector comprising the mutleic acid or a conspection (comprising a nucleic acid encoding a polypeptide or an expression vector comprising the mutleic acid or polypeptide or an antisense coligonucleotide that hybridises under stringent conditions to the nucleic acid or polypeptide or an antisense coligonucleotide that hybridises under stringent conditions to the nucleic acid or polypeptide or an antisched and encoding a polypeptide or an antisched acid and protein function of gene expression or protein associated with AD, or regulation of gene expression or protein associated with AD, or regulation of gene expression or protein associated with AD, regulation of a function of a facture seq
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/label= Mature_protein
/note= "mature SECP1 is also specifically claimed in
claim 1"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SECP1; secreted protein; human; diagnosis; therapy; lung cancer.
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100.0%; Pred. No. 6e+02;
tive 0; Mismatches 0
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/label= Signal_peptide
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Best Local Similarity 100...
6, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Secreted protein SECP1.
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0;
                                                                                                        New polypeptide designated SECP, its encoding nucleic acid and its immunospecific antibody, useful for diagnosing, preventing and treating SECP-associated disorders such as cancer.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Human; nootropic; immunosuppressant; cytostatic; gene therapy; cancer; peripheral nervous system; neuropathy; central nervous system; CNS; Alzheimer's; Parkinson's disease; Huntington's disease; haemostatic; amyotrophic lateral sclerosis; Shy-Drager Syndrome; chemotactic; chrombolytic; drug screening; arthritis; inflammation;
                                                                                                                                                                                                                                                                                                                                                                            Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Human polypeptide SEQ ID NO 2440.
                                                                                                                                               Claim 1; Fig 1; 124pp; English.
20-JUL-1999; 99US-0144722P.
29-NOV-1999; 99US-0167785P.
19-JUL-2000; 2000US-00619252.
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21-JAN-2000; 2000US-00488725.
25-APR-2000; 2000US-00552317.
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                                                         Fernandes
                                      (CURA-) CURAGEN CORP.
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                                                                             WPI; 2001-091973/10.
                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                     Sequence 1588 AA;
                                                                                      N-PSDB; AAF30188
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                                                         Shimkets RA,
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Matches
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                                                                                                                                                                                                                                        The invention relates to human nucleic acids (AAI57798-AAI61369) and the encoded polypepsides (AAM3642-AAM42213) with nootropic, immunosuppressant and cytostatic activity. The polynucleotides are useful in gene therapy. A composition containing a polypeptide or polynucleotide of the invention may be used to treat diseases of the peripheral nervous system, such as peripheral nervous injuries, peripheral nervous localised neuropathies and central nervous system diseases, such as Alzheimer's, Parkinson's disease, Huntington's disease, amyotrophic thatral solerosis, and Shy-Drager Syndrome. Other uses include the utilisation of the activities such as: Immune system suppression, Activin/inhibin activity, chemotactic/chemokinetic activity, haemostatic
                                                                                                       Wang D;
Zhao QA;
                                                                                                                                                                                                                                                                                                                                                                       and thrombolytic activity, cancer diagnosis and therapy, drug screening, assays for receptor activity, arthritis and inflammation, leukaemias and C.N.S disorders. Note: The sequence data for this patent did not form part of the printed specification
                                                                                                                                                                                   Novel nucleic acids and polypeptides, useful for treating disorders such as central nervous system injuries.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Human, NOV; antidiabetic; anorectic; antibacterial; virucide; immunomodulator; cytostatic; nootropic; neuroprotective; dyalipidaemia; antiparkinsonian; antilipaemic; gene therapy; metabolic disorder; diabetes; obesity; infection; cachaxia; cancer; Parkinson's disease; neurodegenerative disorder; Alzheimer's disease; immune disorder;
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                                                                                                      Ren F, Wa
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                                                                                                    Qian XB,
Yang Y,
                                                                                                      Ma Y, (Xue AJ,
                                                                                                                                                                                                                     Example 4; SEQ ID NO 2440; 10078pp; English.
                                                                                                    Liu C, Asundi V, Chen R,
Wang Z, Wehrman T, Xu C,
Goodrich R, Drmanac RT;
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        19-JUL-2000; 2000US-00620312.
03-AUG-2000; 2000US-0065450.
14-SEP-2000; 2000US-00652191.
19-OCT-2000; 2000US-00693036.
29-NOV-2000; 2000US-00727344.
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2000US-00598042
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                                                                                                                                                   WPI; 2001~442253/47.
N-PSDB; AAI58451.
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                                                                                (HYSE-) HYSEQ INC
                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1588 AA;
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                                                                                                    Tang YT,
Wang J, W
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Matches
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coding sequences (ACCT2075-ACCT2181 and ABR58363-ABR58469). The NOV proteins are useful in manufacturing a medicament for treating a syndrome associated with a human disease. The NOV proteins and coding sequences may be used to diagnose, treat or prevent metabolic disorders such as disbetes or obesity, infections, cachexia, cancer, neurodegenerative disorders such as Alzheimer's disease or Parkinson's disease, immune disorders, haematopoietic disorders and various dyslipidaemias
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NOVX polypeptides and nucleic acids useful for diagnosing, preventing or treating NOVX-associated disorders, e.g. diabetes, obesity, cancer or dyslipidemia, and in chromosome mapping, tissue typing or
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Alsobrook JP, Anderson DW, Boldog FL, Burgess CE, Catterton E; Edinger SR, Ellerman K, Gerlach VL, Gorman L, Guo X, Ji W; Kekuda R, Leach MD, Li L, Miller CE, Patturajan M, Rieger DK; Rothenberg ME, Shimkets RA, Smithson G, Spytek KA, Taupier RJ; Vernet CAM, Voss EZ, Zerhusen BD, Zhong M;
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100.0%; Pred. No. 6e+02;
tive 0; Mismatches 0; Indels
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100.0%; Exc
2001US-0327342P.
2001US-0327917P.
2001US-0328029P.
2001US-0328044P.
2001US-0328056P.
2001US-0328849P.
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2001US-0330142P.
2001US-0341058P.
2001US-0339266P.
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2001US-0349575P.
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2002US-0373805P.
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nes 6; Conservative
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Rothenberg ME, Shimke
Tom. Voss EZ,
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12-APR-2002;
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                                                                                                                                                                                                                                                          24-OCT-2001;
29-OCT-2001;
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16-MAY-2002;
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24-OCT-2001;
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Best Local S
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1393 QMLETK 1398

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The present invention relates to novel human NOV proteins and their coding sequences (ACC72075-ACC72181 and ABR58363-ABR58469). The NOV proteins are useful in manufacturing a medicament for treating a syndrome associated with a human disease. The NOV proteins and coding sequences may be used to diagnose, treat or prevent metabolic disorders such as diabetes or obesity, infections, candexia, cancer, neurodegenerative disorders such as Alzheimer's disease or Parkinson's disease, immune disorders, haematopoletic disorders and various dyslipidaemias
 immunomodulator; cytostatic; nootropic; neuroprotective; dyslipidaemia; antiparkinsonian; antipamic; gene therapy; metabolic disorder; diabetes; obesity; infection; cachexia; cancer; Parkinson's disease; neurodegenerative disorder; Alzheimer's disease; immune disorder;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NOVX polypeptides and nucleic acids useful for diagnosing, preventing treating NOVX-associated disorders, e.g. diabetes, obesity, cancer or dyslipidemia, and in chromosome mapping, tissue typing or
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  , Anderson DW, Boldog FL, Burgess CE, Catterton E; Ellerman K, Gerlach VL, Gorman L, Guo X, Ji W, each MD, Li L, Miller CE, Patturajan M, Rieger DK; E, Shinkets RA, Smithson G, Spytek KA, Taupier RJ; Voss EZ, Zerhusen BD, Zhong M;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Claim 1; Page 262; 487pp; English.
                                                                                                                                                                                                          2001US-0326483P.
2001US-0327342P.
2001US-0328029P.
2001US-0328044P.
2001US-0328044P.
2001US-0328044P.
2001US-0328044P.
2001US-0328044P.
2001US-0330142P.
2001US-0330142P.
2001US-0330162P.
2001US-0330162P.
2001US-03345829P.
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2002US-0371980P.
2002US-0373261P.
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16-MAY-2002; 2002US-0381101P.
17-MAY-2002; 2002US-0381635P.
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                                                            haematopoietic disorder
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Rothenberg ME, Shimke
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Edinger SR, Elicing
P Leach MD,
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                                                                                                                    WO2003029423-A2.
                                                                                                                                                                                                                                                                   09-OCT-2001; 2
09-OCT-2001; 2
12-OCT-2001; 2
15-OCT-2001; 2
22-OCT-2001; 2
24-OCT-2001; 2
24-OCT-2001; 2
29-OCT-2001; 2
                                                                                          Homo sapiens
                                                                                                                                                                               02-OCT-2002;
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12-APR-2002;
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23-APR-2002;
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The present invention relates to novel human NOV proteins and their coding sequences (ACC72075-ACC72181 and ABR58363-ABR58469). The NOV proteins are useful in manufacturing a medicament for treating a syndrome
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                                                                                                                                                        immunomodulator; cytostatic; nootropic; neuroprotective; dyslipidaemia; antiparkinsonian; antilipaemic; gene therapy; metabolic disorder; diabetes; obesity; infection; cachexia; cancer; Parkinson's disease; neurodegenerative disorder; Alzheimer's disease; immune disorder;
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                                                                                                                                             Human; NOV; antidiabetic; anorectic; antibacterial; virucide;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Claim 1; Page 264-265; 487pp; English.
                            ABR58459 standard; protein; 1588 AA.
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12-0CT-2001, 20010S-0328849P.

17-0CT-2001, 20010S-032944F.

17-0CT-2001, 20010S-034942F.

22-0CT-2001, 20010S-034956F.

24-0CT-2001, 20010S-034956F.

24-0CT-2001, 20010S-0349575P.
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2001US-0327342P.
2001US-0327917P.
2001US-0328029P.
2001US-0328044P.
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; 2002US-0374738P.
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; 2002US-0381635P.
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                                                                                     (first entry)
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09-OCT-2001; 2
09-OCT-2001; 2
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                                                                                     07-JUL-2003
                                                                                                                Human NOV47j
                                                                                                                                                                                                                                                                                                                                                                   02-OCT-2001;
05-OCT-2001;
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12-APR-2002;
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19-APR-2002;
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17-MAY-2002;
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                                                        ABR58459;
RESULT 27
ABR58459
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or

6; Conservative

Local Similarity

Query Match Best Loc Matches

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Gaps

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30.0%; Score 6; DB 6; Length 1588; 100.0%; Pred. No. 6e+02; ive 0; Mismatches 0; Indels

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The present invention relates to novel human NOV proteins and their coding sequences (ACC72075-ACC72181 and ABR58363-ABR58469). The NOV proteins are useful in manufacturing a medicament for treating a syndrome associated with a human disease. The NOV proteins and coding sequences may be used to diagnose, treat or prevent metabolic disorders such as diabetes or obesity, infections, cancers, neurodegenerative disorders such as Alzheimer's disease or Parkinson's disease, immune disorders, haematopoietic disorders and various dyslipidaemias
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                                                        NOVX polypeptides and nucleic acids useful for diagnosing, preventing treating NOVX-associated disorders, e.g. diabetes, obesity, cancer or dyslipidemia, and in chromosome mapping, tissue typing or pharmacogenomics.
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100.0%; Pred. No. 6e+02;
:ive 0; Mismatches 0
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                                                                                                                                     Claim 1; Page 267; 487pp; English.
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29-NOV-1999; 99US-0167785P.
19-WAR-2001; 200UUS-0276994P.
02-APR-2001; 2001US-028062P.
17-MAY-2001; 2001US-028062P.
17-MAY-2001; 2001US-021766P.
21-AUG-2001; 2001US-0314007P.
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les 6; Conservative
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FERNANDES E R.
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GUSEV V Y.
PADIGARU M.
                2003-381625/36.
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                                                                                                                                                                                                                                                                                                          Sequence 1588 AA;
                             N-PSDB; ACC72174
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Human SECP10.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (SHIM/)
(FERN/)
                                                                                                                                                                                                                                                                                                                                          Query Match
                                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADG38871
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0
                                                                                                                                                                                                                                                                                                                                                                                                                 Human, NOV; antidiabetic; anorectic; antibacterial; virucide; immunomodulator; cytostatic; nootropic; neuroprotective; dyslipidaemia; antiparkinsonian; antilipaemic; gene therapy; metabolic disorder; diabetes; obesity; infection; cachexia; cancer; Parkinson's disease; neurodegenerative disorder; Alzheimer's disease; immune disorder;
associated with a human disease. The NOV proteins and coding sequences
              may be used to diagnose, treat or prevent metabolic disorders such as diabetes or obesity, infections, cachexia, cancer, neurodegenerative disorders such as Alzheimer's disease or Parkinson's disease, immune disorders, haematopoletic disorders and various dyslipidaemias
                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Alsobrook JP, Anderson DW, Boldog FL, Burgess CE, Catterton E, Edinger SR, Ellerman K, Gerlach VL, Gorman L, Guo X, Ji W; Ekkuda R, Leach ND, Li L, Miller CE, Patturajan M, Rieger DK; Rothenberg ME, Shinkets RA, Smithson G, Spytek KA, Taupier RJ; Vernet CAM, Voss EZ, Zerhusen BD, Zhong M;
                                                                                                                                                       .;
0
                                                                                                                        Length 1588;
                                                                                                                                                    0; Indels
                                                                                                                        30.0%; Score 6; DB 6; I
100.0%; Pred. No. 6e+02;
iive 0; Mismatches 0
                                                                                                                                                                                                                                                                                              ABR58462 standard; protein; 1588 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              09-OCT-2001; 2001US-0328044P.
12-OCT-2001; 2001US-0328056P.
12-OCT-2001; 2001US-032844P.
17-OCT-2001; 2001US-0329414P.
17-OCT-2001; 2001US-0330142P.
24-OCT-2001; 2001US-034362P.
24-OCT-2001; 2001US-034362P.
29-OCT-2001; 2001US-034362P.
12-APR-2002; 2001US-034957SP.
12-APR-2002; 2001US-0349372P.
17-APR-2002; 2002US-0371980P.
17-APR-2002; 2002US-0373261P.
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2001US-0327917P.
2001US-0328029P.
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23-APR-2002; 2002US-0374738P.
16-MAY-2002; 2002US-0381111P.
17-MAY-2002; 2002US-0381635P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       02-OCT-2002; 2002WO-US031358.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              01-OCT-2002; 2002US-00262839
                                                                                                                                                                                                                                                                                                                                                          (first entry)
                                                                                                                                                         6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                haematopoietic disorder
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (CURA-) CURAGEN CORP.
                                                                                                                                                                                                                    1393 OMLETK 1398
                                                                                                                                       Best Local Similarity
                                                                                                                                                                                      13 QMLETK 18
                                                                                           Sequence 1588 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           WO2003029423-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Homo sapiens.
                                                                                                                                                                                                                                                                                                                                                                                         Human NOV47m.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    09-OCT-2001;
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                                                                                                                                                                                                                                                                                                                           ABR58462;
                                                                                                                        Query Match
                                                                                                                                                       Matches
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ABR58462
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Gaps ; 0

Length 1588; 0; Indels

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GORMAN L.
GUSEV V Y.
PADIGARU M.
PATTURAJAN M.
SHENOY S G.
SPYTEK K A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1393 QMLÉTK 1398
                                                                                                                                                                                                                                            WPI; 2003-901057/82.
N-PSDB; ADG38831.
                                                                                                FERNANDES E
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                                                                                    SHIMKETS
                                                                                                                                                                                                                                                                                                                     pharmacogenomics.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 1588 AA;
                                                                                                                                                                                                           RA,
                                                                                                                                                                                                          Shimkets
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AAE23979;
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                                                                                                                                                         (PATT/)
(SHEN/)
(SPYT/)
                                                                                                           (LILL/)
(GORM/)
                                                                                                                                  (GUSE/)
                                                                                    SHIM/)
                                                                                                 FERN/)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           The invention relates to a new isolated SECP polypeptide. The SECP polypeptide, nucleic acid molecule or antibody is useful in the manufacture of a medicament for treating a syndrome associated with a human disease, the disease being selected from SECP-associated disorders. These are used in diagnosing, treating or preventing the SECP-associated disorders such as cancer, wounds, AIDS, hepatitis, arteriosclerosis, psoriasis, autoimmune diseases, Crohn's disease, inflammatory disorder, anaemia, allergy, asthma, Grave's disease, multiple sclerosis, caleroderma, infection, diabetes, metabolic disorder, Addison's disease, parkinson's disease, addiction, cardiomyopathy or obesity. The nucleic acids are further used as hybridisation probes, in chromosome mapping, tissue typing, preventive medicine, and pharmacogenomics. The colypeptides are also useful as vaccines. The present sequence is used in the exemplification of the present invention.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SECP; SECP-associated disorder; cancer; wound; AIDS; hepatitis; atteriocalciarosis; psoriasis; autoimmune disease; Crohn's disease; inflammatory disorder; anaemia; allergy; asthma; Grave's disease; multiple sclerosis; scleroderma; infection; diabetes; metabolic disorder; Addison's disease; cystic fibrosis; glycogen storage disease; Alzheimer's disease; Parkinson's disease; addiction; cardiomyopathy; obesity; tissue typing; vaccine; human.
                                                                                                                    New SECP polypeptides and nucleic acids, useful for preventing or treating SECP-associated disorders, e.g. cancer, diabetes, asthma, AIDS or autoimmune diseases, and in chromosome mapping, tissue typing or
                                                 Gorman L, Gusev VY, Padigaru M;
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                     .,
                                                                                                                                                                                                                                                                                                                                                                                                                           30.0%; Score 6; DB 7; Length 1588; 100.0%; Pred. No. 6e+02; tive 0; Mismatches 0; Indels
                                                Fernandes ER, Li L, Go
Shenoy SG, Spytek KA;
                                                                                                                                                                                 Claim 1; SEQ ID NO 41; 278pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADG38832 standard; protein; 1588 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  13-FEB-2002; 2002US-00074566.
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19-JUL-2000; 2000US-00619252.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity 100.
Matches 6; Conservative
 PATTURAJAN M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1393 ÓMLÉTK 1398
                                                                                  WPI; 2003-901057/82.
            SHENOY S G.
SPYTEK K A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            13 QMLETK 18
                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 1588 AA;
                                                                                             N-PSDB; ADG38870
                                                                                                                                                          pharmacogenomics
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                                                          Patturajan M,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Homo sapiens.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           20-JUL-1999;
                                                Shimkets RA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             26-FEB-2004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Human SECP1
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(PATT/) I
(SHEN/) 8
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                        SPYT/)
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The invention relates to a new isolated SECP polypeptide. The SECP polypeptide, nucleic acid molecule or antibody is useful in the manufacture of a medicament for treating a syndrome associated with a manufacture of a medicament for treating a syndrome associated with a manufacture of a medicament for treating or preventing the SECP-associated disorders. These are used in diagnosing, treating or preventing the SECP-associated disorders can accer, wounds, AIDS, hepatitis, arteriosclerosis, psoriasis, autoimmune diseases, Caisease, multiple sclerosis, anaemia, allergy, asthma, Grave's disease, multiple sclerosis, cleroderma, infection, diabetes, metabolic disorder, Addison's disease, parkinson's disease, addiction, cardiomyopathy or obesity. The nucleic acids are further used as hybridisation probes, in chromosome mapping, tissue typing, preventive medicine, and pharmacogenomics. The polypeptides are also useful as vaccines. The present sequence is used in the exemplification of the present invention.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gusev VY, Padigaru M;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 New SECP polypeptides and nucleic acids, useful for preventing or treating SECP-associated disorders, e.g. cancer, diabetes, asthma, lor autoimmune diseases, and in chromosome mapping, tissue typing or
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          .;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gorman L,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ER, Li L, Go
3, Spytek KA;
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02-APR-2001; 2001US-0280898P.
02-MAY-2001; 2001US-028062P.
17-MAY-2001; 2001US-0291766P.
21-AUG-2001; 2001US-0314007P.
14-NOV-2001; 2001US-0332241P.
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Matches 6; Conservative
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WO9310154-A1.
                                                                                      27-MAY-1993.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Alzheimer's disease, diabetic retinopathy, psoriasis, pancreatitis, arteriosclerosis, rheumatoid arthritis, colorectal adenomas, severe combined immunodeficiency, ischaemia, carcinomas, haemolytic anaemia, reperfusion injury, neoplasms and cancer especially liver cancer. They are also used for wound healing. Polymolacleoides of the invention can be used to generate transgenic animals or knock out animals, which in turn, are useful in the development and screening of therapeutically useful reagents for use in the treatment of diseases associated with in polypeptide associated activity. They are also used in gene therapy. The present sequence is human LP217 secreted protein, LP217 gene is located
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Novel proteins and polynucleotides of secreted proteins useful for treating various diseases e.g. rheumatoid arthritis, cancer, psoriasis, diabetic retinopathy, arteriosclerosis, ischemia or reperfusion injury.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Recombinant; collagen-like polymer; CLP; tripeptide; helix; membrane; fibre; film; coating; triad sequence; collagen; mammalian; moulding; hydrogel; interchain linkage; colloid suspension.
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0
                                                                                                                                                                                                             /note≈ "Mature human LP217 secreted protein"
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                                                                                                                             1. .15
/label= Signal_peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Claim 8; Page 117-123; 145pp; English
                                                                                      Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              28-SEP-2000; 2000US-0236088P.
                                                                                                                                                                                                                                                                                                                                                                                                    14-SEP-2001; 2001WO-US026026
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (EFIL ) LILLY & CO ELI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (revised)
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 1624 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 N-PSDB; AAD38694
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Wang H;
                                                                                                                                                                                                                                                                             WO200226801-A2.
                                Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        25-MAR-2003
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                                                                                                                   Peptide
                                                                                                                                                                                   Protein
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                                                                                             Key
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                                                                                                                                                                                                                                                                            High mol. wt. collagen-like protein polymers - capable of being produced
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             collagen; repetitive triad motif; recombinant production; photographic; medical; structural; fibre.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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                                                                                                         (PROT-) PROTEIN POLYMER TECHNOLOGIES INC.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AAR93239 standard; peptide; 9 AA.
                                                                                                                                                                                                                                                                                                      in unicellular microorganisms.
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92WO-US009485
                                                    91US-00791960
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Matches 5; Conservative
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                                                                                                                                                                   Ferrari FA;
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04-NOV-1992;
                                                       12-NOV-1991;
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24-FEB-1996
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12-NOV-1991;
                                                                                                                                                             Cappello J,
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Collagen-like polymers comprising repetitive triads - produced in unicellular organisms with improved characteristics, useful in, e.g. photographic and medical fibres.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                25.0%; Score 5; DB 2; Length 9; 100.0%; Pred. No. 1.7e+06; ive 0; Mismatches 0; Indel
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          prosthetic device; catalytic substance.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AAW57686 standard; peptide; 9 AA.
                                                                                      Disclosure; Col 6; 43pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Collagen-like polymer fragment.
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88US-00269429.
90US-00609716.
91US-00972032.
95US-00577046.
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Best Local Similarity
Matches 5; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              04-NOV-1986;
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                                                                                                                                                                      This sequence represents a fragment of a unnatural collagen-like polymer of the invention. The products may be used as films, fibres, moulded objects and admixed with other natural or synthetic polymers or coatings on fibres, films, labware or other surfaces, e.g. prostheric devices. The polymers may be used for binding a wide variety of specific binding materials, as catalytic substances (where the amino acid sequence may specifically chelate a wide variety of elements), as purification media, composites, laminates or adhesives. They may also be combined with inorganic or organic materials such as carbon fibres, nylon fibres, nitrocellulose, etc., as flask coatings or in synthetic matrices for the growth and study of cells, as affinity columns or as supports for biological materials. The polymers have collagen-like properties, but may be easily expressed in micro-organisms in high efficiency. The new
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   103P3E8; prostate; bladder; kidney; colon; lung; breast; rectum; stomach; tumour; cancer; cytostatic; gene therapy; antibody therapy; ribozyme; single chain monoclonal antibody; serum; blood; urine; tissue; human;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Monitoring 103P3E8 gene products in sample from patient (suspected of) having cancer, useful for diagnosing, managing or treating cancers, e.g. prostate cancer, comprises determining presence of aberrant 103P3E8 gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                   Recombinant collagen-like polymers - useful for making gels, films,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Pred. No. 1.7e+06;
tive 0; Mismatches 0;
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                                                                                                                                     Disclosure; Col 6; 93pp; English
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Best Local Similarity 100.
Matches 5; Conservative
              Ferrari FA, Cappello J;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (UROG-) UROGENESYS INC.
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                                                 WPI; 1998-387004/33.
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protein and peptide fragments and specific PCR primers are therefore
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                                                    Sequences AAU71093-AAU71796 represent the 103P3EB-related protein and peptide fragments of the protein. 103P3EB exhibits tissue specific expression in normal adult tissue, but it is also aberrantly expressed in many cancers including tumours of the prostate, bladder, kidney, colon, lung, breast, rectum and stomach. The 103P3EB polymucleotide, its related protein and peptide fragments and specific PCR primers are therefore useful for diagnosing and treating cancer. A vector comprising a polymucleotide which encodes a single chain monoclonal antibody, that immunospecifically binds to an 103P3EB-related protein, and a ribozyme capable of cleaving a polymucleotide having the 103P3EB coding sequence, are both useful in the preparation of a composition for treating a patient with a cancer that expresses 103P3EB. The sequences can be used in diagnostic methods to monitor the level of 103P3EB gene products in serum, blood, urine and tissue and to thereby detect the presence of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               103P3EB; prostate; bladder; kidney; colon; lung; breast; rectum; stomach; tumour; cancer; cytostatic; gene therapy; antibody therapy; ribozyme; single chain monoclonal antibody; serum; blood; urine; tissue; human;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 9;
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100.0%; Pred. No. 1.7
:ive 0; Mismatches
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         Disclosure; Page 98; 128pp; English.
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     103P3E8; prostate; bladder; kidney; colon; lung; breast; rectum; stomach; tumour; cancer; cytostatic; gene therapy; antibody therapy; ribozyme; single chain monoclonal antibody; serum; blood; urine; tissue; human; chromosome 9q13-q21.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Monitoring 103P3E8 gene products in sample from patient (suspected of) having cancer, useful for diagnosing, managing or treating cancers, e.g. prostate cancer, comprises determining presence of aberrant 103P3E8 gene
useful for diagnosing and treating cancer. A vector comprising a polymucleotide which encodes a single chain monoclonal antibody, that immunospecifically binds to an 103PBE8-related protein, and a ribozyme capable of cleaving a polymucleotide having the 103PBE8 coding sequence, are both useful in the preparation of a composition for treating a patient with a cancer that expresses 103PBE8. The sequences can be used in diagnostic methods to monitor the level of 103PBE8 gene products in serum, blood, urine and tissue and to thereby detect the presence of cancerous cells
                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Challita-Eid PM, Raitano AB, Mitchell SC, Afar DEH;
                                                                                                                                                                                                                                                                                                                              ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Human MHC class I molecule HLA-B7 binding 103P3E8 peptide #69.
                                                                                                                                                                                                                                                                                                                              0; Indels
                                                                                                                                                                                                                                                                                    Length 9;
                                                                                                                                                                                                                                                                                  25.0%; Score 5; DB 5; Ler 100.0%; Pred. No. 1.7e+06; iive 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AAU71662 standard; peptide; 10 AA.
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Best Local Similarity
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                                                                                                                                                                                                                                          Sequence 9 AA;
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RESULT 39

AAR93209

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The present sequence is that of a peptide fragment of human cytokeratin 8 (CK8), an antigen present on a variety of human cancers, including ovarian, breast, lung, prostate, colon, kidney, thyroid, bone, upper digestive tract and pancreatic cancers. The invention provides antibodies that bind to CK8, but not to cytokeratin 18. A preferred antibody is mhoe -4, which is produced by a host cell deposited as ATCC PTA-159, Antibody mhoe-4 preferentially binds to CK8 and to the CK8 peptides given in ABP72812-18 including the present peptide. The antibody may be linked to a therapeutic agent, and a humanised mhoe-4 antibody is also claimed. The antibody is used in claimed methods of detecting the presence or absence of thyroid cancer cells, and for detecting the presence or absence of thyroid cancer cells, and for detecting the presence or absence of covarian, prostate, lung, colon, pancreas, breast and renal cancerous cells. A claimed method of inhibiting proliferation of cancerous cells comprises administering the antibody linked to a therapeutic agent, such
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           New antibodies that bind to cancer-associated antigen cytokeratin 8, useful for diagnosing or inhibiting proliferation of cancer cells, e.g. thyroid, ovarian, prostate, lung, colon, pancreas, breast or renal cancer
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Human; cytokeratin 8; cancer; antigen; immunotherapy; therapy; diagnosis.
in diagnostic methods to monitor the level of 1019358 gene products in serum, blood, urine and tissue and to thereby detect the presence of
                                                                                                                                                    Gaps
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                                                                                                                Length 10;
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                                                                                                                                                                                                                                                                                                                                                                                                                          Human cancer antigen cytokeratin 8 peptide fragment.
                                                                                                          25.0%; Score 5; DB 5; Le: 100.0%; Pred. No. 1.6e+02; ive 0; Mismatches 0;
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100.0%; Pred. No. 1.8
ive 0; Mismatches
                                                                                                                                                                                                                                                                                                                ABP72812 standard; peptide; 12 AA.
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                                                                                                                                                5; Conservative
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Matches 5; Conserv
                                                                                                                             Local Similarity
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                                      cancerous cells
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                                                                            Sequence 10 AA;
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                                                                                                            Query Match
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Matches
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ABP72812
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                                                                                                                             Zona pellucida, ZP3; vaccine; humoral response; contraception; epitope; pathogenic T cell response; ovary; assay; autoimmune; antibody; passive immunisation.
                                                                                                New contraceptive peptide #5 derived from Zona Pellucida ZP3 protein.
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. 2.1e+02;
ches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                       Grootenhuis AJ, Bunschoten EJ;
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100.0%; Pred. No. 2.1
tive 0; Mismatches
AAR93209 standard; peptide; 15 AA.
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                                                                                                                                                                                                                                                                                                                         94EP-00202392.
                                                               (first entry)
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                                                                                                                                                                                                                                                                                                                         22-AUG-1994;
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                                                                                                                                                                                                                                                                                                                                                                                       Van Duin M,
                                                                 04-OCT-1996
                                                                                                                                                                                                                                                          29-FEB-1996.
                                                                                                                                                                                              Synthetic.
                                 AAR93209;
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Gaps

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The present sequence represents a peptide derived from epithelial

centrophil activating protein-78 (ENA-78). The present peptide stimulates

angiogenesis. The specification describes methods for inhibiting

conserved Cys Xaa Cys (CXC) sequence at the N-terminal) other than

conserved Cys Xaa (CXC) sequence at the N-terminal other than

conserved Cys Xaa (CXC) sequence at the N-terminal other than

conserved Cys Xaa (CXC) sequence at the N-terminal other than

conserved Cys Xaa (CXC) sequence at the N-terminal other than

conserved Cys Xaa (CXC) sequence at the N-terminal other than

conserved Cys Xaa (CXC) sequence at the N-terminal other than

conserved Cys Xaa (CXC) sequence at the N-terminal other than

conserved Cys Xaa (CXC) sequence at the N-terminal other than

conserved Cys Xaa (CXC) sequence at the N-terminal other than

conserved Cys Xaa (CXC) sequence at the N-terminal or than

conserved Cys Xaa (CXC) sequence (PRC)

conserved Cys Xaa (CXC)

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                 angiogenesis inhibitor; angiostasis inducer; tumour growth inhibition; haemangiomas; rheumatoid arthritis; atherosclerosis; meningioma; idiopathic pulmonary fibrosis; benign prostatic hypertrophy; psoriasis; vascular restenosis; arteriovenous malformation; neovascular glaucoma; angiofibroma; haemophilic joint; hypertrophic scar; Osler-Weber syndrome; pyogenic granuloma retrolental fibroplasia; scleroderma; trachoma; vascular adhesion; synovitis; dermatitis; endometriosis; pterygium; diabetic retinopathy; neovascularisation; chronic bronchitis; adult respiratory distress syndrome; ARDS; pseudogout; metastasis;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Use of chemokines with a conserved Cys Xaa Cys (CXC) sequence - which do not contain amino acid sequence BLR, for inhibiting angiogenesis in tumours, rheumatoid arthritis, restenosis or glaucoma.
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protein-78; ENA-78; CXC chemokine
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  Epithelial neutrophil activating
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Best Local Similarity
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                                                                                                                                                                                                                                                                                  cystic fibrosis.
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                                                                                                                                                                                                                                                                                                                                      Homo sapiens
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  Dp
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The invention relates to an angiogenesis inhibited by administering to a human having a tumour, a composition comprising a recombinant adenovirus than having a tumour, a composition comprising a recombinant adenovirus that comprises and expresses a nucleic acid segment that encodes a non-cert comprise and expresses a nucleic acid segment that encodes a non-cert comprise of the comprise of the companient o
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Inhibition of angiogenesis in human having tumor, by administering to human, composition comprising recombinant adenovirus having nucleic acid segment that encodes chemokine other than platelet factor.
                        BPH; angiofibroma;
                                                                                                                         haemophilic joint; hypertrophic scar; oslerweber syndrome; pyogenic granuloma retrolental fibroplasia; scleroderma; trachoma; vascular adhesion; synovitis; dermatitis; endometriosis; wound healing; sore healing; vascular graft; transplant; skin ulcer; gastric ulcer;
CXC chemokine; angiogenesis; tumour; platelet factor 4 (Fr4);
ELR CXC chemokine; IP-10; benign tumour; haemangioma; BPH; angiofibron rheumatoid arthritis; atherosclerosis; idiopathic pulmonary fibrosis; benign prostatic hyperplasia; vascular restenosis; meningioma; arteriovenous malformation; neovascular glaucoma; psoriaisis;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             defined biological site within the animal. The present sequence represents an angiogenesis stimulatory peptide derived from a CXC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Kunkel SL;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Disclosure; Col 16; 148pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ABO07364 standard; peptide; 15 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                           98US-00213383.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                95US-00468819
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PJ,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Polverini
                                                                                                                                                                                                                                              duodenal ulcer; human.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (UNMI ) UNIV MICHIGAN.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     WPI; 2003-327304/31.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 15 AA;
                                                                                                                                                                                                                                                                                                  Homo sapiens.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Stricter RM,
                                                                                                                                                                                                                                                                                                                                                    US6491906-B1
                                                                                                                                                                                                                                                                                                                                                                                                                                                        09-DEC-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                06-JUN-1995;
                                                                                                                                                                                                                                                                                                                                                                                                         10-DEC-2002.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             chemokine
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  Dp
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(UNMI ) UNIV MICHIGAN
                                                                             WPI; 2003-466212/44.
                                                   US2003031645-A1
                                                                                                                                            Sequence 15 AA;
                                            antiallergic
                                                                  09-DEC-1998;
14-AUG-2003
                                                               06-JUN-1995;
                                                                          Strieter RM,
                                                                                                                                        anglogenesis
                                                        13-FEB-2003
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Pred. No. 2.1e+02;
Mismatches 0;
                                                                                                                                                                                                                                                                                   AAR91628 standard; peptide; 16 AA.
100.008; PIC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        95WO-US012099
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         94US-00311307.
                                                                                                                                                                                                                                                                                                                                                                                     30-OCT-1996 (first entry)
                                              Conservative
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Best Local Similarity
                     Best Local Similarity
                                                                                               8 LRCVC 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 WO9609062-A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       23-SEP-1994;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            distribution
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               23-SEP-1994;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Talmadge JE;
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                                                                                                                                                                                                                                                                                                                                       AAR91628;
                                              Matches
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                                                                                                                                                                                                                                                             AAR91628
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    The present invention relates to a method of inhibiting angiogenesis. The method comprises administering to an animal, preferably human, a biological amount of a pharmaceutical CXC (tys-Xaa-Cys) chemokine composition that comprises chemokines other than platelet factor 4 (FP4).

C. G. interleukin-8 (IL-8), gamma interferon-inducible protein-10 (IP-10), the grawth related oncogene (GRO) peptides GRO3lpha, GRObeta, and GROGamma, monokine induced by gamma interferon (MIG), epithelial neutrophil activating protein-78 (ENA-78), granulocyte chemotactic protein-2 (GFD-2), and the NH2-terminal truncated forms of platelet basic protein-2 (GFD-2), and the NH2-terminal truncated forms of platelet basic protein (PBP) such as connective tissue activating protein-III (CTAP-III), beta-thromboglobulin (betaTG) and neutrophil activating peptide-2 (MNA-2). The method is useful for inhibiting angiogenesis in humans, and is useful for treating tumours and even sarcomas of the lung, ovary, the method is also useful for treating the method is also useful for treating the defendences. The method is also useful for treating the defendences and even sarcomas of the lung, ovary, the method is also useful for treating the defendences.
                                                                                                                                                                                                                                                                                                                         sarcoma, lung; ovary; pancreas; stomach; prostate; haemangioma; theumatoid arthritis; atherosclerosis; IFF; AVM; idiopathic pulmonary fibrosis; vascular restenosis; meningioma; arteriovenous malformation; neovascular glaucoma; psoriasis; angiofibroma; haemophilic joint; hypetrophic scar; scleroderma; osler-weber syndrome; pyogenic granuloma retrolental fibroplasia; trachoma; vascular adhesion; synovitis; dermatitis; endometriosis; unducing angiostasis; stimulating angiogenesis; wound healing; vulnerary; antiulcer; vasctropic; antirheumatic; antiatherosclerotic; ophthalmological; antipsoriatic; dermatological; antinflammatory;
                                                                                                               Human; inhibiting angiogenesis; Cys-Xaa-Cys chemokine; CXC chemokine; platelet factor 4; PF4; interleukin-8; IL-8; IP-10; GRoalpha; gamma interferon-inducible protein-10; growth related oncogene; GRobeta; GROgamma; monokine induced by gamma interferon; MIG; epithelial neutrophil activating protein-79; ENA-78; GCP-2; granulocyte chemotactic protein-79; platelet basic protein; PBP; connective tissue activating protein-III; CTAP-III; betaTG; beta-thromboglobulin; neutrophil activating peptide-2; NAP-2; tumour;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       fibrosis (IPF), vascular restenosis, arteriovenous malformations (AVM), meningioma, neovascular glaucoma, psoriasis, angiofibroma, haemophilic joints, hypertrophic scars, osler-weber syndrome, pyogenic granuloma retrolental fibroplasia, scleroderma, trachoma, vascular adhesions, synovitis, dermatitis and endometriosis. Also disclosed are methods for inducing angiostasis, stimulating angiogenesis, and promoting wound healing. The present sequence represents a peptide for stimulating
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Inhibiting angiogenesis, by administering a pharmaceutical chemokine composition that comprises a chemokine other than platelet factor 4.
                                                                      Angiogenesis stimulating peptide #5.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Disclosure; Page 9; 156pp; English.
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                   (first entry)
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DB 7; Length 15;

25.0%; Score 5;

Query Match

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  alpha chemokine agonist activity. It can be used for the treatment of, e.g. viral, bacterial, fungal, yeast or parasitic infections, arthritis, leukaemia or solid tumours including primary and metastatic disease. The peptide can also be used as a protective agent for the immune system during chemotherapy and radiation-therapy. In contrast to the claimed interleukin-8 antagonist, the present peptide is more efficiently prepd. (solid phase synthesis) and has a more rapid and extensive tissue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            The present peptide is an alpha chemokine derived peptide analogue, with
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               New human interleukin-8 peptide analogues - useful as agonists or antagonists for alpha chemokines for treating e.g. neoplasms, infection and auto-immune disease.
   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              infection; arthritis; leukaemia; solid tumour; profective agent; immune system; chemotherapy; radiation therapy; interleukin-8; IL-8; rapid; extensive; tissue distribution; ENA-78.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Alpha chemokine; peptide analogue; agonist activity; treatment;
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Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Alpha chemokine ENA-78 peptide analogue 11.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADK01531 standard; peptide; 20 AA.
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New antimicrobial peptide composition for the prevention and treatment of infections caused by organisms, such as bacteria and fungi, exhibiting multiple antibiotic resistance.
                                                         (HARB-) HARBOR-UCLA RES & EDUCATION INST.
                                                                                                                                                                             Example; Page 66; 221pp; English
        24-AUG-2001; 2001WO-US041877.
                                 25-AUG-2000; 2000US-00648816
                                                                               Shen AJ;
                                                                                                       WPI; 2002-590659/63.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        21-OCT-2002
                                                                                Yeaman MR,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ABG69985;
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                                                                                                                                                                                                                                                                                                                                                                    This invention relates to a novel polypeptide encoded by an alternative reading frame of a pathogenic virus, where the polypeptide starts with a methionine amino acid residue, which comprises an antigenic determinant and more than 7 amino acid residues. The invention may be useful for the production of compounds with a virucide activity or the development of a vaccine. The polypeptide or its fragments may be useful as a therapeutic agent. It is also useful for the manufacture of a medicament for treating or preventing an infection with the pathogenic virus. The present sequence is that of a hepatitis C virus peptide of the invention.
                                                                                                                                                                                                                                                                                               New polypeptide encoded by an alternative reading frame of a pathogenic virus comprising an antigenic determinant, useful for treating or preventing an infection with the pathogenic virus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Antimicrobial, platelet microbiocidal protein, PMP-1, PMP-2, bacterial infection, fungal infection; fungicide, disinfectant, preservative, foods, cosmetic, multiple antibiotic resistance, rabbit,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
                                                         pathogenic virus; alternative reading frame; antigenic determinant; virucide; vaccine; therapeutic agent; infection.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Rabbit platelet microbicidal protein, PMP-2, based peptide #98
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               / Match 25.0%; Score 5; DB 8; Length 20; Local Similarity 100.0%; Pred. No. 2.7e+02; nes 5; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                              Claim 7; SEQ ID NO 183; 220pp; English
                                 Hepatitis C virus 1b peptide SeqID183.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ABG69986 standard; peptide; 22 AA.
                                                                                                                                                                                                                                                  Habel A;
                                                                                                                                                                24-JUL-2003; 2003WO-EP008112.
                                                                                                                                                                                        24-JUL-2002; 2002AT-00001124.
11-JUL-2003; 2003EP-00450171.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (first entry)
           (first entry)
                                                                                                                                                                                                                                                  Mattner F, Schmidt W,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Oryctolagus cuniculus.
                                                                                                                                                                                                                            (INTE-) INTERCELL AG.
                                                                                                                                                                                                                                                                          WPI; 2004-169243/16.
                                                                                            Hepatitis C virus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRGAP 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRGAP 5
                                                                                                                  WC2004011650-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 20 AA;
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         06-MAY-2004
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                                                                                                                                           05-FEB-2004.
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Matches
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Db
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The invention relates to an antimicrobial peptide composition for use against organisms such as bacteria and fungi comprising a peptide of 5-150 amino acide core sequence (derived from 150 amino acide contenining a 7-13 amino acid core sequence (derived from PMP-1 and PMP-2, platelet microbicial protein), and retromers.

The truncations, extensions, combinations, fusions and their derivatives. The cossible structures are fully described in the specification. Also included are (1) an antimicrobial peptide composition for direct activity or for potentiating antimicrobial peptide of 13-74 containing an amino acid core sequence selected from truncations of the peptides described above, and retromers, extensions, combinations and fusions; and (2) artimicrobial peptides for potentiating antimicrobial adove, and retromers, extensions, combinations and fungin. The leukocytes against organisms such as bacteria and fungi. The leukocytes against organisms such as individual antimicrobial agents, specifically against bacteria and fungi, agents in combination with other antimicrobial peptides are useful as individual antimicrobial agents.

Conventional antimicrobials, agents the enhance the antimicrobial conventions of leukocytes, as disinfectants or preservatives for use in foods and cosmetics and as agents to improve efficiency of molecular conventions and and agents to improve efficiency of molecular conventions and as agents to improve efficiency of molecular considered to have undesirable toxicity, immunogenicity and short are based upon natural antimicrobial peptides of prior art have generally become problems of toxicity, immunogenicity, and shortnass of duration creatistance. They exhibit lower inherent mammalian cell toxicits and and correct creatstance. They exhibit lower inherent mammalian cell toxicits and correct problems of toxicity, immunogenicity, and schriber peptides of effectiveness due to biodegradation, retaining activity in plasma and correct as a rabbit pwe based antimicrobial peptides.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   .
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           25.0%; Score 5; DB 5; Length 22;
100.0%; Pred. No. 2.8e+02;
ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ABG69985 standard; peptide; 22 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            8 LRCVC 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LRCVC 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 22 AA;
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The invention relates to an antimicrobial peptide composition for use against organisms such as bacteria and fungi comprising a peptide of 5-150 amino acides containing a 7-13 amino acide core sequence (derived from PMP-1 and PMP-2, platelet microbiocidal protein), and retromers, truncations, extensions, combinations, fusions and their derivatives. The possible structures are fully described in the specification. Also included are (1) an antimicrobial agents active against organisms such as bacteria and fungi comprising a peptide composition for direct activity or or for potentiating antimicrobial agents active against organisms such as core sequence selected from truncations of the peptides described above, and retromers, extensions, combinations of the peptides described above, and retromers, extensions, combinations and fungion; and (2) antimicrobial peptides for potentiating antimicrobial activity of antimicrobial peptides are useful as individual antimicrobial agents that enhance, potentiate or restore efficacy of conventional antimicrobials, agents that enhance the antimicrobial conventional antimicrobials, agents that enhance the antimicrobial conventional antimicrobials, agents to improve efficiency of molecular conventional antimicrobials, agents to improve efficiency of molecular conventions of leukocytes, as disinfectants or preservatives for use in foods and cosmetics and as agents to improve efficiency of molecular considered to have undesirable toxicity, immunogenicity and short half-lives due to biodegradation. The peptides of the present invention are based upon natural antimicrobial peptides that have potent and broad seperatum activity against pathogens exhibiting multiple antibiotic resistance. They exhibit lower inherent mammalian cell toxicity, immunogenicity, and shortness of duration of effectiveness due to biodegradation, retaining activity in plasma and community and problems of toxicity, immunogenicity, and shortness of duration of effectiveness due to biodegradation, retaining activit
                                                                                                                                                                                                                                                                                                                                                                                                      New antimicrobial peptide composition for the prevention and treatment of infections caused by organisms, such as bacteria and fungi, exhibiting
                                                                                                                                                                                                                                                     (HARB-) HARBOR-UCLA RES & EDUCATION INST.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Example; Page 65; 221pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                           multiple antibiotic resistance.
                                                                                                                                                   24-AUG-2001; 2001WO-US041877.
                                                                                                                                                                                                        25-AUG-2000; 2000US-00648816
                                                                                                                                                                                                                                                                                                          Shen AJ;
                                                                                                                                                                                                                                                                                                                                                         WPI; 2002-590659/63.
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                                                  WO200255554-A2.
                                                                                                                                                                                                                                                                                                       Yeaman MR,
                                                                                                      18-JUL-2002
     Synthetic.
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Gaps 0; 0; Indels DB 5; Length 22; 25.0%; Score 5; DB 5 100.0%; Pred. No. 2.8 iive 0; Mismatches Best Local Similarity 100. Matches 5; Conservative

ADM32132 standard; protein; 25 AA. ADM32132; RESULT 47 ADM32132

EphB4 blocking peptide 6, seq id 7.

(first entry)

17-JUN-2004

Cytostatic; gene therapy; Inhibititor; cancerous growth; cancer; breast;

The invention relates to a method of inhibiting cancerous growth of a cell, comprising contacting the cell with at least one antibody, or its antigan-binding portion, where the antibody or antigen-binding portion binds to an epitope located within residues 200-400 of EphB4, which consists of the sequence of 984 amino acids (S1) fully defined in the specification, or to an epitope located in a sequence at least 854 composition and methods are useful for treating or preventing cancer (e.g. breast or prostate cancer) or for identifying agents that inhibit cancer cancerous growth of a cell. The current sequence represents an EphB4 blocking peptide used in an example from the invention in EphB4 epitope Inhibiting cancerous growth of a cell by contacting the cell with an antibody, or its antigen-binding portion, that binds to an epitope of prostate; ephrin type-B receptor 4 precursor; EphB4; human. Example 6; SEQ ID NO 7; 73pp; English (QUEE-) QUEEN ELIZABETH HOSPITAL 16-SEP-2002; 2002AU-00951409. 16-SEP-2003; 2003WO-AU001209 WPI; 2004-270012/25. EphB4 polypeptide. WO2004024773-A1. Sequence 25 AA; Homo sapiens. Stephenson S; 25-MAR-2004. mapping.

Gaps 0; 3.1e+02; les 0; Indels DB 8; Length 25; 25.0%; Score 5; DB 8 100.0%; Pred. No. 3.1 ive 0; Mismatches 5; Conservative Query Match Best Local Similarity 15 PRGAP 19 1 PRGAP 5 Matches à 업

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RESULT 48

AAY20230 standard; protein; 26 AA. 22-JUL-1999 (first entry) Human beta-amyloid precursor protein mutant fragment 55.

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Human; beta-amyloid precursor protein; beta-APP; diagnosis; cancer; frameshift mutation; age-related disease; neurodegenerative disorder; Alzheimer; s disease; Down's syndrome; myotonic dystrophy; neuronal; Huntington's disease; multiple sclerosis; alcoholic liver disease; disease; multiple sclerosis; alcoholic liver disease; diabetes mellitus type II; microtubule associated protein; Tau; Big Tau; ubiquitin B; apolipoprotein E; MAP2; neurofilament-L; neurofilament-F; presenilin I; presenilin II; cellular tumour antigen; glial fibrillary acidic protein; GRAP; p53; semaphorin III; HUPP-I; bcl-2; B-cell leukemia/lymphoma 2 proto-oncogene; HWGP-C; MSP-A; high mobility group protein-C; neuroendocrine specific protein A. AAY20230
XX
AC AAY2
XX
DT 22-J
XX
XX
DE Huma
XX
KW Huma
KW Alzh
KW Alzh
KW Alzh
KW Giab
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Homo sapiens Synthetic

WO9845322-A2

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This invention describes a novel method for the diagnosis of a disease caused by, or associated with, an RNA molecule that has a frameshift caused by, or associated with, an RNA molecule that has a frameshift cancer and a wide range of neurodegenerative disorders (e.g. Alzheimer's disease, Down's syndrome, myotonic dystrophy, Huntington's disease, aspecially cancer and a wide range of neurodegenerative disorders (e.g. Alzheimer's disease, Down's syndrome, myotonic dystrophy, Huntington's disease, II and the method cancer there is a liver disease, alabetes mellitus type II allows a definitive diagnosis of Alzheimer's disease mellitus type II allows a definitive diagnosis of Alzheimer's disease in living patients, can an early stage. It is based on the observation that disease may be caused by mutations in RNA rather than DNA. The invention describes the caused of neuronal system RNA molecules, specifically proteins including beta-APP), the microbuble associated conceins from and Big Tau, ubiquitin B, apolipoprotein E, microtubule associated protein 2 (MAP2), neurofilament-1, neurofilament-M, concopene, semaphorin III, quial fibrillary acidic protein (GRAP), the cellular tumour antigen p53, B-cell leukemia/lymphoma (C protein-C (HMGP-C) and neuroendocrine specific protein A protein A protein C (HMGP-C) and neuroendocrine specific protein A
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                                                                                                                                                                                                                                                                                                                                 Diagnosing disease by detecting frameshift mutations in RNA or corresponding protein mutations - used to diagnose cancer and neurological diseases, particularly Alzheimer's disease, and also for treatment and prevention with specific ribozymes or wild-type RNA.
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                                                                                                                                                                                                                              Burbach JPH
                                                                                                                                    ROYAL NETHERLANDS ACAD ARTS & SCI.
UNIV ROTTERDAM ERASMUS.
RIJKSUNIV UTRECHT.
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                                                                                                                                                                                                                                                                                                                                                                                                                                         Disclosure; Fig 2; 258pp; English
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                                                                                                     97US-0043163P.
                                                           98WO-IB000705
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                                                           02-APR-1998;
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                   15-OCT-1998
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Matches
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970S-0063101P. 970S-0063109P. 970S-0063110P. 970S-0063111P. 970S-0063148P.

24-OCT-1997 24-OCT-1997 24-OCT-1997 24-OCT-1997

97US-0063387P

24-OCT-:

970S-0063090P. 970S-0063091P. 970S-0063097P. 970S-0063098P. 970S-0063099P.

24-OCT-1997 24-0CT-1997 24-OCT-1997 24-OCT-1997 24-OCT-1997 24-OCT-1997

1997

24-OCT-24-OCT-

98WO-US022376 97US-0062784P

23-OCT-1998; 06-MAY-1999.

24-OCT-1997 24-OCT-1997

WO9922243-A1

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The specification describes human secreted proteins. The polynucleotides and their corresponding secreted polypeptides are useful for preventing, treating or ameliorating medical conditions, e.g. by protein or gene therapy. Pathological conditions can also be diagnosed by determining the therapy. Pathological conditions can also be diagnosed by determining the camount of the polypeptides in a sample or by determining the presence of mutations in the polynucleotides. Specific uses are described for each of cappressed in, and include developing products for the diagnosis or treatment of cancer, tumours, neurodegenerative disorders, developmental abnormalities and fetal defliciencies, blood disorders, leukemias, disease, the immune system, autoimmune diseases, hepatic and renal disease, lymphomas, inflammation, allergies, ischemic shock, Alzheimer's and cognitive disorders, schizophrenia, prostate diseases, obesity, and disorders involving osteoclasts such as osteoprosis; arthritis or malignancies, diseases of testes, ung or thymus, diseases of testes, ung or thymus, diseases, compared for identifying their binding partners
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                                                                                                                                                                                                                                                                                                                                                                                                                                    sen CA, Ruben SM, Ni J, Wei Y, Soppet DR, Moore PA;
afleur DW, Olsen HS, Brewer LA, Shi Y, Ebner R, Young P;
Florence KA, Florence C, Duan DR, Janat F, Endress GA;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       New isolated human genes and the secreted polypeptides they encode.
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100.0%; Pred. No. 3.4
:ive 0; Mismatches
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Lafleur DW, Olsen HS,
                                                                                                                                                                                                                                                                                                                                                                                                           (HUMA-) HUMAN GENOME SCI INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         5; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Carter KC;
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Kayw H,
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Homo sapiens

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    Protein identification; signal transduction pathway; metabolic pathway; hybridisation assay; genetic mapping; gene expression control; promoter; termination sequence.
                    Arabidopsis thaliana protein fragment SEQ ID NO: 73318.
                                                                                                                                                                           9905-0121825P.
9905-0123180P.
9905-012548P.
9905-012548P.
9905-0126264P.
9905-0126234P.
9905-0128234P.
9905-0130414P.
9905-0130414P.
9905-0130414P.
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9905-0130414P.
9905-0130414P.
9905-01312464P.
9905-0132448P.
9905-0132481P.
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9905-0132481P.
9905-013421P.
9905-0135324P.
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99US-0139492P.
99US-0139454P.
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99US-0139457P.
99US-0139459P.
99US-0139460P.
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99US-0139463P.
99US-0139750P.
                                                                                                                                                        2000EP-00301439
 (first entry)
                                                                                     Arabidopsis thaliana
                                                                                                                                                        25-FEB-2000;
                                                                                                                                                                           25-FEB-1999;
05-MAR-1999;
23-MAR-1999;
25-MAR-1999;
01-APR-1999;
06-APR-1999;
19-APR-1999;
19-APR-1999;
23-APR-1999;
23-APR-1999;
30-APR-1999;
30-APR-1999;
06-MAY-1999;
06-MAY-1999;
06-MAY-1999;
06-MAY-1999;
06-MAY-1999;
                                                                                                            EP1033405-A2
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14-MAY-1999;
18-MAY-1999;
19-MAY-1999;
20-MAY-1999;
21-MAY-1999;
                                                                                                                                                                                                                                                                                                                                                                                                               07-MAY-1999;
11-MAY-1999;
14-MAY-1999;
14-MAY-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          28 - MAX - 1999;
01 - JUN - 1999;
03 - JUN - 1999;
04 - JUN - 1999;
08 - JUN - 1999;
10 - JUN - 1999;
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16-JUN-1999;
16-JUN-1999;
17-JUN-1999;
18-JUN-1999;
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18-JUN-1999;
18-JUN-1999;
18-JUN-1999;
18-OCT-2000
                                                                                                                                06-SEP-2000
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27-MAY-1999,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    18-JUN-1999
18-JUN-1999
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18-JUN-1999
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us-10-066-965a-4.oliqo.rag

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The invention relates to an antimicrobial peptide composition for use against organisms such as bacteria and fungi comprising a peptide of 5-150 amino acide contestioning a 7-13 amino acid core sequence (dearived from 150 mino acides contestioning a 7-13 amino acid core sequence (dearived from processions, extensions, combinations, fusions and their derivatives. The truncations, extensions, combinations, fusions and their derivatives. The possible structures are fully described in the specification. Also included are (1) an antimicrobial peptide composition for direct activity or for potentiating antimicrobial agents active against organisms such as bacteria and fungi comprising a peptide of 13-4 containing an amino acid core sequence selected from truncations and fusions; and (2) antimicrobial peptides for potentiating antimicrobial activity of antimicrobial peptides for potentiating antimicrobial activity of antimicrobial peptides are useful as individual antimicrobial activity of conventional beatceria and fungi, agents in combination with other antimicrobial peptides are useful as individual antimicrobial agents that enhance, potentiate or restore efficacy of conventional antimicrobials, agents that enhance the antimicrobial agents that chance the antimicrobial for antimicrobial peptides of promotional antimicrobials, agents to improve efficiency of molecular of foods and conserics and as agents to improve efficiency of molecular of foods and conseries and as agents to improve efficiency of molecular of pateriors of leukocytes, as disinfectants or preservatives for use in the foods and conseries and as agents to improve efficiency of molecular of pateriors and as agents to improve efficiency of molecular of the back of the paterior of peptides of the present invention are based upon natural antimicrobial peptides that have potent and broad spectrum activity against pathogens exhibiting multiple antibiotic considered to have undesirable toxicity, immunogenicity, and shortheses of deffectiveness due to biodeg
                                                                                                                                                                                                                                                                                                                                       New antimicrobial peptide composition for the prevention and treatment of infections caused by organisms, such as bacteria and fungi, exhibiting multiple antibiotic resistance.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      25.0%; Score 5; DB 5
100.0%; Pred. No. 4.4
tive 0; Mismatches
                                                                                                                                                                                                                                       (HARB-) HARBOR-UCLA RES & EDUCATION INST.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADF94734 standard; protein; 42 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                        Example; Page 67; 221pp; English.
                                                                                                                                                                                                25-AUG-2000; 2000US-00648816
                                                                                                                                                                24-AUG-2001; 2001WO-US041877
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local Similarity 100.
                                  Oryctolagus cuniculus.
                                                                                                                                                                                                                                                                            Shen AJ;
                                                                                                                                                                                                                                                                                                                WPI; 2002-590659/63.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 8 LRCVC 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    29 LRCVC 33
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mutant; mutein.
                                                                                      WO200255554-A2.
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                                                                                                                           18-JUL-2002
                                                                                                                                                                                                                                                                            Yeaman MR,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADF94734;
                                                     Synthetic
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Rabbit platelet microbicidal protein, PMP-2, based peptide #104
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0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   25.0%; Score 5; DB 3
100.0%; Pred. No. 3.9
iive 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      990S-0159584P.
990S-0160741P.
990S-0160767P.
99US-0160768P.
99US-0160770P.
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99US-0161405P.
99US-0161406P.
99US-0161359P.
99US-0161360P.
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99US-0157117P.
99US-0157753P.
99US-015765P.
99US-0158029P.
99US-0158328P.
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99US-0160980P.
99US-0160981P.
99US-0160989P.
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99US-0155659P.
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99US-0162142P
                                                       99US-0151438P.
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                                                                                                                                                                                                                                                              156458P
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                                                                                                                                                                                                                                                              0-SD66
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Best Local Similarity
Matches 5; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             13 QMLET 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             26 OMLET 30
                                                                                                                                                                                                                                                                                                                05-0CT-1999;
06-0CT-1999;
07-0CT-1999;
08-0CT-1999;
12-0CT-1999;
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                                                                                                                                                                                                                                                                                                     04-OCT-1999
                                                                                                                                                                                                                                                                                                                                                                                                           13-0CT-1999
13-0CT-1999
                                                                                                                                                                                                          22-SEP-1999
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Non-infective cell-requiring method of searching for hepatitis D remedies in a system containing e.g. polypeptide binding to RNA polymerase II with measuring of binding level for indication.
                                                                                                                                                                                                                                  The present invention relates to a method for searching hepatitis D remedies. The method comprises adding a test compound to a system containing e.g. a hepatitis D virus antigen (HPV antigen) and RNA polymerase II, measuring the binding level of HDV antigen binding polymerase II, and comparing with a control for selection of a compound inhibiting the binding. The method is for screening remedies for hepatitis D including for hepatitis virus D accompanying hepatitis B, such as gene expression promoters applicable in regeneration medicine for treating organs or tissues. The present sequence is a HDV antigen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Targeting vector Tg-2/Not containing PGK-neomycin-resistant gene protein.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gene-deleted animal e.g. mouse - useful for screening therapeutic agents for diseases such as blood vessel inflammation and nephritis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              The present sequence represents a protein from a targeting vector Tg-2/Not containing a PGK-neomycin-resistant gene, from the present invention. The targeting vector is used in an example of the present invention for producing a gene-deleted animal e.g. a mouse comprising gene to encode nucleobindin in which all or part of nucleobindin gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Targeting vector; Tg-2/Not; nucleobindin; screening, nephritis,
blood vessel; inflammation; PGK-neomycin-resistant gene.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           25.0%; Score 5; DB 5
100.0%; Pred. No. 4.6
:ive 0; Mismatches
                                                                                                                                                                                             Claim 5; SEQ ID NO 7; 84pp; Japanese
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (MITS-) MITSUI SEIYAKU KOGYO KK.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AAW57222 standard; protein; 44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        96JP-00298219.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
                                Yamaguchi Y;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (FUJI-) FUJITA GAKUEN
                                                                         WPI; 2002-698673/75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              WPI; 1998-325762/29.
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 42 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               JP10117633-A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      12-MAY-1998,
                                Handa H,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Synthetic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AAW57222;
                                                                                                                                                                                                                                                                                                                                                                                                                                sednence
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                                                                                                                                                                                                                                                                                                                                                                                                                                  Non-infective cell-requiring method of searching for hepatitis D remedies in a system containing e.g. polypeptide binding to RNA polymerase II with measuring of binding level for indication.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           The present invention relates to a method for searching hepatitis D remedies. The method comprises adding a test compound to a system containing e.g. a hepatitis D virus antigen (HDV antigen) and RNA polymerase II, measuring the binding level of HDV antigen binding to RNA polymerase II, and comparing with a control for selection of a compound inhibiting the binding. The method is for screening remedies for hepatitis D including for hepatitis virus D accompanying hepatitis B, such as gene expression promoters applicable in regeneration medicine for treating organs or tissues. The present sequence is a HDV antigen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                 II.
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                                      Virucide; hepatitis D virus antigen; HDV antigen; RNA polymerase
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ;
Hepatitis D virus type III antigen protein fragment, SEQ ID 9.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Hepatitis D virus type II antigen protein fragment, SEQ ID 7.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  25.0%; Score 5; DB 5; Length 42; 100.0%; Pred. No. 4.6e+02; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Claim 5; SEQ ID NO 9; 84pp; Japanese.
                                                                                                                                                                                                                                                                                            SCI & ENG.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          & ENG.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADF94732 standard; protein; 42 AA.
                                                                                                                                                                                                        27-FEB-2002; 2002WO-JP001817.
                                                                                                                                                                                                                                                                                        (CIRC-) CIRCLE PROMOTION SCI
(KYOW ) KYOWA HAKKO KOGYO KK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (CIRC-) CIRCLE PROMOTION SCI (KYOW ) KYOWA HAKKO KOGYO KK.
                                                                                                                                                                                                                                                   27-FEB-2001; 2001JP-00053163
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    27-FEB-2002; 2002WO-JP001817.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5; Conservative
                                                                                                                                                                                                                                                                                                                                                       Yamaguchi
                                                                                                                                                                                                                                                                                                                                                                                             WPI; 2002-698673/75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local Similarity
                                                                                    Hepatitis D virus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Hepatitis D virus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AA;
                                                                                                                          WO200268655-A1
                                                                                                                                                                 06-SEP-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                26-FEB-2004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             06-SEP-2002,
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Query Match

Best Loc Matches

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ADF94732;

RESULT 53

ADF94732

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SOSSXS

(first entry)

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5; Conservative
                                                                                                                   Query Match
Best Local Similarity
Matches 5; Conserv
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                                                                                                                                   MLETK 37
                                                                                                              Sequence 44 AA;
                                                                            adenocarcinoma.
                                                                                                                                   33
                                                                                                                                           RESULT 56
AAB39249
à
                                                                                                                                   g
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RESULT 57

0

Gaps

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0; Indels

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Human; secreted protein; immunosuppressive; antiarthritic; antirheumatic; antiproliferative; cytostatic; cardiant; vasotropic; cerebroprotective; nootropic; neuroprotective; antibacterial; virucide; fungicide; neoplasm; opthalmalogical; autoimmune disease; rheumatoid arthritis; angiogenesis; hyperproliferative disorder; cardiovascular disorder; infection; cerebrovascular disorder; nervous system disorder; ocular disorder; wound healing; chemotaxis.
                                                                                                 Gene 11 human secreted protein homologous amino acid sequence #129.
AAB39249 standard; protein; 46 AA.
                                                                                                                                                                                                                                                                                                                                                                                               16-MAR-2000; 2000WO-US006792.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (HUMA-) HUMAN GENOME SCI INC
                                                                                                                                                                                                                                                                                                                          WO200056754-A1.
                                                                                                                                                                                                                                                                                        Homo sapiens.
                                                                                                                                                                                                                                                                                                                                                                                                                                  19-MAR-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                     10-DEC-1999;
                                                                       02-FEB-2001
                                                                                                                                                                                                                                                                                                                                                             28-SEP-2000.
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                                   AAB39249;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    The invention provides a cancer-associated epitope comprising two separate polypeptides, a cytokeratin 8 polypeptide and a cytokeratin 18 polypeptide. Vaccine composition of the invention is useful for treating or preventing colon adenocarcinoma, ovarian adenocarcinoma, renal adenocarcinoma, mammary adenocarcinoma, lung adenocarcinoma, panoreatic adenocarcinoma or non-seminomal testis carcinoma. The invention is also useful for preparing a medicament for treating or preventing cancer in a mammal. The present sequence is human cytokeratin K8 protein fragment
deleted or replaced by another gene. The mouse can be used for screening therapeutic agents against diseases such as blood vessel inflammation and nephritis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Novel isolated cancer-associated epitope comprising two separate polypeptides, a cytokeratin 8 polypeptide and a cytokeratin 18 polypeptide, useful as component of vaccine for preventing or treating
                                                                                                                                               Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Human; cancer-associated epitope, cytokeratin K8; cytokeratin K18; adenocarcinoma; therapy; cancer.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       25.0%; Score 5; DB 6; Length 44; 100.0%; Pred. No. 4.8e+02; ive 0; Mismatches 0; Indels
                                                                                                                                              0; Indels
                                                                                                            25.0%; Score 5; DB 2; Length 44; 100.0%; Pred. No. 4.8e+02; ...ve 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                       Human cytokeratin K8 protein fragment #1.
                                                                                                                                                                                                                                                                                                              AAE38084 standard; protein; 44 AA.
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                                                                                                                                                                                                                                                                                                                                                                                    (first entry)
                                                                                                                                                   5; Conservative
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                                                                                                                                  Best Local Similarity
                                                                                                                                                                                                                       PRGAP 10
                                                                                                                                                                                     1 PRGAP 5
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                                                                              Sequence 44 AA;
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                                                                                                                Query Match
                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                              AAE38084
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Komatsoulis G;

Ruben SM,

99US-0125362P. 99US-0169980P.

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The polymuclectide sequences given in AAC74223-C74279 encode the human secreted proteins represented in AAB39179-B39226. Sequences AAB39227-B39308 are alternative proteins encoded by the genes, and also protein bave activities can call the which they share homology. The proteins have activities based on the tissues and calls in which they are expressed. Examples of activities include: immunosuppressive; antiarthritic; antirheumatic; antiproliferative; cytostatic; cardiant; vaincide; fungicide; and corropic; neuroprotective; antibacterial; virucide; fungicide; and cortropic; neuroprotective; antibacterial; virucide; fungicide; and cortropics; neuroprotective; antiquence services of the invention may be useful in the treatment, cortropics; neuroprotective; antiquence of the invention may be useful in the treatment, cortropics; neoplasms of the invention may be useful in the treatment, cortropics; neoplasms of the breast or liver; cardiovascular disorders such as autoimmune diseases e.g. rheumatoid arthritis, hyperproliferative cardiocars e.g. neoplasms of the breast or liver; cardiovascular disorders or angiogenesis, nervous system disorders e.g. crebral infection. The polypeptides can also be used to aid wound the infection caused by bacterial, viruses and fungin and coular disorders or infections caused by bacterial, viruses and fungined coular disorders or e.g. corneal infection. The polypeptides can also be used to aid wound additive or preservative at the proliferation, to regenerate tissues, additive or preservative at the invention in chemotaxis and as a food additive or preservative at the invention and characterisation of the genes of the invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ;
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                                                             Isolated nucleic acid molecule encoding a human secreted protein is used in preventing, treating or ameliorating a medical condition.
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Pred. No. 4.9e+02;
0; Mismatches 0;
                                                                                                                                                                                           Disclosure, Page 27; 434pp; English.
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100.0%; Pré
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WPI; 2000-579483/54
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Matches
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AAM21142

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WO200157278-A2
                Homo sapiens.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                The present invention relates to human single exon nucleic acid probes (SENP: see AAI10068-AAI28459). The present sequence is a peptide encoded by one such probe. The SENPs are derived from human HeLa cells. The SENPs can be used to produce a single exon microarray, which can be used for measuring human gene expression in a sample derived from human cervical epithelial cells. By measuring gene expression, the probes are therefore useful in grading and/or staging of diseases of the cervix, notcably cervical cancer. Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at ftp.wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Human genome-derived single exon nucleic acid probes useful for analyzing gene expression in human cervical epithelial cells.
                                                                                                                              Peptide #7576 encoded by probe for measuring cervical gene expression.
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                                                                                                                                                                      Probe; human; microarray; gene expression; cervical epithelial cell;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Probe; human; microarray; gene expression; cervical epithelial cell;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Rank
          AAM21142 standard; protein; 46 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                     2000US-00608408.
2000US-00632366.
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27-SEP-2000; 2000US-0236359P.
04-OCT-2000; 2000GB-00024263.
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                                                                                                                                                                                                                                                                                                                                                                                               2000US-0180312P
                                                                                        (first entry)
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Best Local Similarity
Matches 5; Conserv
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                                                                                                                                                                                           cervical cancer
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                                                                                                                                                                                                                                   Homo sapiens
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                                                  AAM21142
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The present invention relates to human single exon nucleic acid probes (SENP: see AAI10068-AAI28459). The present sequence is a peptide encoded by one such probe. The SENPs are derived from human Helea cells. The SENPs can be used to produce a single exon microarray, which can be used for measuring human gene expression in a sample derived from human cervical epithelial cells. By measuring gene expression, the probes are therefore useful in grading and/or staging of diseases of the cervix, notably cervical cancer. Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at ftp.wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Human genome-derived single exon nucleic acid probes useful for analyzing gene expression in human cervical epithelial cells.
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                                                                                                                                                                                                                                                                                                                                                                                                                             Chen W, Rank DR;
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                                                                                               26-MAY-2000; 2000US-0207456P.
30-UUN-2000; 2000US-0069408.
03-AUG-2000; 2000US-0063266.
21-SEP-2000; 2000US-0234687P.
27-SEP-2000; 2000US-0234589P.
04-OCT-2000; 2000GB-00024263.
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                                                                                                                                                                                                                                                                                                                                                (MOLE-) MOLECULAR DYNAMICS INC
30-JAN-2001; 2001WO-US000670
                                                                     04-FEB-2000; 2000US-0180312P.
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26-MAY-2000; 2000US-0207456P.
30-JUN-2000; 2000US-00608408.
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Matches 5; Conservative
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AAM27897;
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                                                                                                                                                  The invention relates to a single exon nucleic acid probe for measuring human gene expression in a sample derived from human foctal liver. The single exon nucleic acid probes may be used for predicting, measuring and displaying gene expression in samples derived from human fetal liver. The present sequence is a peptide encoded by a single exon nucleic acid probe of the invention. Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at ftp.wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Human genome-derived single exon nucleic acid probes useful for analyzing gene expression in human fetal liver.
                                                                                                      Human genome-derived single exon nucleic acid probes useful for analyzing
                                                                                                                                                                                                                                                                                                                                                                                                                                              foetal liver; gene expression; single exon nucleic acid probe.
                                                                                                                                                                                                                                                                               Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                           Peptide #1920 encoded by human foetal liver single exon probe.
                                                                                                                                  Claim 27; SEQ ID NO 36094; 639pp + Sequence Listing; English
                                                                                                                                                                                                                                                                               0; Indels
                                                                                                                                                                                                                                                             Length 46;
                                                                                                                                                                                                                                                           DB 4; Ler
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100.0%; Pred. No...
0; Mismatches
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                                                                                                               expression in human fetal liver.
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30-JUN-2000; 2000US-00608408.
03-AUG-2000; 2000US-00632366.
21-SEP-2000; 2000US-0234687P.
27-SEP-2000; 2000US-02359P.
04-OCT-2000; 2000GB-00024263.
                                                                                                                                                                                                                                                                                                                                                                    ABB34414 standard; peptide; 46
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                                              (MOLE-) MOLECULAR DYNAMICS INC
                                                                  Chen W,
                   27-SEP-2000; 2000US-0236359P.
04-OCT-2000; 2000GB-00024263.
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2000US-00632366.
2000US-0234687P.
                                                                                                                                                                                                                                                                                                                                                                                                        (first entry)
                                                                                                                                                                                                                                                                               5; Conservative
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                                                                  Penn SG, Hanzel DK,
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                                                                                    WPI; 2001-483447/52
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                     OMLET 36
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                                                                                                                                                                                                                                         Sequence 46 AA;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Homo sapiens
 03-AUG-2000;
21-SEP-2000;
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                                                                                                                                                                                                                                                                                                                                                                                                                                               Human;
                                                                                                                  gene
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The invention relates to a single exon nucleic acid probe for measuring human gene expression in a sample derived from human foetal liver. The single exon nucleic acid probes may be used for predicting, measuring and displaying gene expression in samples derived from human fetal liver. The present sequence is a peptide encoded by a single exon nucleic acid probe of the invention. Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at ftp.wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Human genome-derived single exon nucleic acid probes useful for analyzing gene expression in human placenta.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      for measuring placental gene expression.
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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Claim 27; SEQ ID NO 27049; 639pp + Sequence Listing; English.
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Pred. No. 4.9e+02;
); Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                25.0%; Scor
100.0%; Pre
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26-MAY-2000; 2000US-0207456P.
30-JUN-2000; 2000US-00608408.
03-AUG-2000; 2000US-0053366.
21-SEP-2000; 2000US-0234687P.
27-SEP-2000; 2000US-0234687P.
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100.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 5; Conservative
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Best Local Similarity
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Best Local Similarity
Matches 5; Conserv
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Human; microarray; single exon probe; gene expression; breast; disease;
    Peptide #1902 encoded by breast cell single exon nucleic acid probe
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30-UW-2000; 2000US-0060B408.
03-AUG-2000; 2000US-00632366.
21-SEP-2000; 2000US-023468PE.
27-SEP-2000; 2000US-0236359P.
                                                                                                                                                                                                                                                              2000US-0180312P.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              WPI; 2001-496933/54.
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                                                                                                                                          WO200157271-A2
                                                                                                     Homo sapiens
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                                                                                                                                                                                                                                                                                          Peptide #11384 encoded by probe for measuring placental gene expression.
    Gaps
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  Mismatches
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                                                                                                                                                                        AAM37347 standard; protein; 46 AA.
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2000US-00608408.
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21-SEP-2000; 2000US-0234687P.
7-SEP-2000; 2000US-0235359P.
04-OCT-2000; 2000GB-00034253.
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5; Conservative
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                                                                           20 RGAPM 24
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                                      RGAPM 6
                                                                                                                                                                                                                                                                                                                                                        genetic disorder
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                                                                                                                                                                                                                                                                                                                                   Probe;
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Matches
Matches
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The front probes for measuring gene expression in a sample derived from human breast and BT 474 cells. The method involves contacting the probes with a collection of detectably labelled nucleic acids derived from many to the men measuring the label bound to each probe of the microarray. The probes are useful for verifying the expression of regions of genomic DNA predicted to encode proteins. They are useful for gene discovery, and for determining predisposition and/or prognosing breast disease. Gene expression analysis is useful for assessing the toxicity of chemical agents on cells. The microarray of this invention presents at ar greater diversity of probes for measuring gene expression, with far less bias than expressed sequence tag encoded by a single exon nucleic acid probe of the invention. Note: The sequence data for this patent did not form part of the printed sequence data for this patent did not form part of the printed sequence by a figure with bublished pot sequences.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ;
0
                                                                                                                                                                                                                                                         New spatially-addressable set of single exon nucleic acid probes, useful for measuring gene expression in sample derived from human breast, comprises number of single exon nucleic acid probes.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                The invention relates to a spatially-addressable set of single exon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        .
                                                                                                                                                                                                                                                                                                                                                                                                                                              Claim 27; SEQ ID NO 12219; 327pp + Sequence Listing; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    25.0%; Score 5; DB 4; Length 46; 100.0%; Pred. No. 4.9e+02; ive 0; Mismatches 0; Indels
                                                                                          Rank DR;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Novel human respiratory antigen #200.
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(MOLE-) MOLECULAR DYNAMICS INC
                                                                                               Chen W,
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2000US-0249213P
2000US-0249213P
2000US-0249214P
2000US-0249216P
2000US-0249218P
2000US-0249218P
2000US-024924P
2000US-024924P
2000US-0249264P
2000US-0249264P
2000US-0249264P
2000US-0249269P
2000US-024929P
2000US-024929P
2000US-025039P
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2000US-0246611P
2000US-0249613P
2000US-0249207P
2000US-0249208P
2000US-0249209P
2000US-0249210P
2000US-0249210P
                                                2000US-0234998P-
2000US-0235834P-
2000US-0235834P-
2000US-023634P-
2000US-023637P-
2000US-023636P-
2000US-023636P-
2000US-023636P-
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2000US-023636P-
2000US-023638P-
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2000US-023638P-
2000US-023703P-
2000US-023703P-
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2000US-023703P-
2000US-023703P-
2000US-023703P-
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2000US-0239937P
2000US-0241221P
2000US-0241785P
2000US-0241786P
2000US-0241786P
2000US-024186P
2000US-024186P
2000US-0241869P
2000US-0241869P
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2000US-0246474P.
2000US-0246475P.
2000US-0246476P.
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2000US-0246478P.
2000US-0246523P.
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2000US-0246532P.
2000US-0246609P.
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2000US-0246526P.
2000US-0246527P.
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                  21-SEP-2000;
25-SEP-2000;
25-SEP-2000;
26-SEP-2000;
27-SEP-2000;
29-SEP-2000;
29-SEP-2000;
29-SEP-2000;
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02-0CT-2000;
02-0CT-2000;
02-0CT-2000;
03-0CT-2000;
03-0CT-2000;
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03-0CT-2000;
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03-0CT-2000;
03-0CT-2000;
03-0CT-2000;
03-0CT-2000;
04-0CT-2000;
06-0CT-2000;
06-0CT-2000;
06-0CT-2000;
06-0CT-2000;
06-0CT-2000;
06-0CT-2000;
06-0CT-2000;
06-0CT-2000;
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29-SEP-2000;
29-SEP-2000;
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08-NOV-2000;
08-NOV-2000;
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08-NOV-2000;
08-NOV-2000;
08-NOV-2000;
   Human; respiratory antigen; respiratory disorder; throat disorder; lung disorder; nose disorder; lung cancer; gene therapy; cytostatic; anti allergic; anti asthmatic; anti inflammatory; olfactory;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  14.-UUL-2000); 2000US-0218290P.
26.-UUL-2000); 2000US-022451BP.
14.-AUG-2000); 2000US-022451BP.
14.-AUG-2000); 2000US-022451BP.
14.-AUG-2000); 2000US-02251BP.
14.-AUG-2000); 2000US-022521BP.
14.-AUG-2000); 2000US-022526FP.
14.-AUG-2000); 2000US-022526FP.
14.-AUG-2000); 2000US-022526FP.
14.-AUG-2000); 2000US-022526FP.
14.-AUG-2000); 2000US-022526FP.
14.-AUG-2000); 2000US-022575FP.
16.-AUG-2000); 2000US-022575FP.
16.-AUG-2000); 2000US-022575FP.
16.-AUG-2000); 2000US-022575FP.
16.-AUG-2000); 2000US-022934FP.
16.-SEP-2000); 2000US-022934FP.
16.-SEP-2000); 2000US-022934FP.
16.-SEP-2000); 2000US-022934FP.
16.-SEP-2000); 2000US-022934FP.
16.-SEP-2000); 2000US-022934FP.
16.-SEP-2000); 2000US-02394FP.
16.-SEP-2000); 2000US-02394FP.
16.-SEP-2000); 2000US-023939FP.
14.-SEP-2000); 2000US-023398P.
14.-SEP-2000); 2000US-023339FP.
14.-SEP-2000); 2000US-0233339FP.
14.-SEP-2000); 2000US-02333339FP.
14.-SEP-2000); 2000US-02333339FP.
14.-SEP-2000); 200US-02333339FP.
14.-SEP-2000); 200US-02333339FP.
14.-SEP-2000); 200US-02333339FP.
14.-SEP-2000); 200US-02333339FP.
14.-SEP-2000);
                                                                                                                                                                                                                                   2000US-0179065P.
2000US-018662BP.
2000US-0186364P.
2000US-0189874P.
2000US-0190076P.
2000US-019013P.
2000US-0209467P.
2000US-0205515P.
2000US-021488PP.
2000US-021648PP.
2000US-021648PP.
2000US-021648PP.
2000US-021648PP.
                                                                                                                                                                                                   2001WO-US001333
                                                         respiratory active
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11-JUL-2000; 2
14-JUL-2000; 2
26-JUL-2000; 2
26-JUL-2000; 2
14-AUG-2000; 2
                                                                                                                                                                                                                                   31-JAN-2000;
04-FBB-2000;
24-FBB-2000;
02-FBB-2000;
16-MAR-2000;
17-MAR-2000;
11-AAR-2000;
19-MAY-2000;
07-JUN-2000;
28-JUN-2000;
28-JUN-2000;
07-JUN-2000;
07-JUN-2000;
07-JUN-2000;
                                                                                             Homo sapiens
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Rank

Chen W,

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The present invention relates to single exon nucleic acid probes for measuring human gene expression in a sample derived from human heart (see ABA21535-ABA41305). The present sequence is a protein encoded by one such probe. The probes may be used for predicting, measuring and displaying gene expression in samples derived from the human heart via microarrays. By measuring gene expression, the probes are useful for predicting, diagnosing, grading, staging, monitoring and prognosing diseases of the human heart and vascular system e.g. cardiovascular disease, hypertension, cardiac arrhythmias and congenical heart disease. Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at ftp.wipo.int/pub/published_pct_sequences
                                                                                             Single exon nucleic acid probes for analyzing gene expression in human
                                                                                                                                               Claim 15; SEQ ID NO 21596; 530pp; English.
                           Penn SG, Hanzel DK,
                                                            WPI; 2001-488899/53.
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                                                                                                                   hearts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
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                                                                                                                                                                                                                                                                                              The present invention relates to the isolation of novel human respiratory antigens, and CDNA (AAS27869-AAS28159) and genomic sequences encoding for these polypeptides. The sequences of the invention are useful for preventing, treating and/or prognosing disorders related to the respiratory system including throat disorders (e.g. vocal cord paralysis, tonsillitis, and laryngitis), lung disorders e.g. pneumonia, allergic disorders and cancers of the respiratory tissues e.g. pneumonia, allergic disorders and cancers of the invention are useful in gene therapy and antisense therapy. AAUI7685-AAUI7957 represent novel human respiratory and antisense therapy. AAUI7685-AAUI7957 represent novel human respiratory and antigens. Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at ftp.wipo.int/pub/published_pot_sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ô
                                                                                                                                                                                         Isolated polypeptide for treating, preventing and/ or prognosing disorders related to the respiratory system including respiratory cancers and also for testing and detection e.g. diagnosis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Protein #1825 encoded by probe for measuring heart cell gene expression.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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cardiovascular disease; hypertension; cardiac arrhythmia,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   25.0%; Score 5; DB 4; Length 46; 100.0%; Pred. No. 4.9e+02; Live 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                               Claim 11; SED ID No 502; 546pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ABB19826 standard; protein; 46 AA.
                                                                                                          Ruben SM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (MOLE-) MOLECULAR DYNAMICS INC
08-DEC-2000; 2000US-0251990P.
11-DEC-2000; 2000US-0254097P.
05-JAN-2001; 2001US-0259678P.
                                                                       (HUMA-) HUMAN GENOME SCI INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2000GB-00024263.
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26-MAY-2000; 2000US-0207456P.
30-JUN-2000; 2000US-00608408.
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2000US-0234687P
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             congenital heart disease.
                                                                                                        Rosen CA, Barash SC,
                                                                                                                                         WPI; 2001-476224/51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         15 LETKF 19
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                                                                                                                                                            N-PSDB; AAS28068
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 46 AA;
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27-SEP-2000;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               04-OCT-2000;
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Matches
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                                             Gaps
                                                                                                                                                                                                                                  Human; bone marrow expressed exon; gene expression analysis; probe; microarray; cancer; leukaemia; lymphoma; myeloma.
                                                                                                                                                                                                            Human bone marrow expressed probe encoded protein SEQ ID NO: 27905.
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0
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                                           0; Indels
                      Length 46;
                     DB 4; Lenc
5. 4.9e+02;
                  25.0%; Score 5; DB 4
100.0%; Pred. No. 4.9
:ive 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   gene expression in human bone marrow.
                                                                                                                                           AAM67599 standard; protein; 46 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                    (MOLE-) MOLECULAR DYNAMICS INC
                                                                                                                                                                                                                                                                                                                                                           , 2000US-0180312P.

, 2000US-0204456P.

, 2000US-00632366.

, 2000US-0234681P.

, 2000US-0234681P.

, 2000US-0234681P.
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                                                                                                                                                                                       06-NOV-2001 (first entry)
                                           5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Hanzel DK,
                  Query Match
Best Local Similarity
                                                                                     20 RGAPM 24
                                                                2 RGAPM 6
Sequence 46 AA;
                                                                                                                                                                                                                                                                                           WO200157276-A2.
                                                                                                                                                                                                                                                                    Homo sapiens.
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26-MAY-2000;
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27-SEP-2000;
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The present invention provides a number of single exon nucleic acid probes which are derived from genomic sequences expressed in the human brain. They can be used to measure gene expression in brain cell samples, which may enable the diagnosis and improved treatment of nervous system diseases such as Alzheimar's disease, multiple sclerosis, schizophrenia, epilepsy and cancers. The present sequence is a protein encoded by one of the probes of the invention
                                                                                                                                                                                      ö
     The present invention provides a number of single exon nucleic acid probes which are derived from genomic sequences expressed in the human bone marrow. They can be used to measure gene expression in bone marrow samples, which may enable the improved diagnosis and treatment of cancers such as lymphoma, leukaemia and myeloma. The present sequence is a protein encoded by one of the probes of the invention
                                                                                                                                                                                                                                                                                                                                                                                                                                Human brain expressed single exon probe encoded protein SEQ ID NO: 36494.
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Human; brain expressed exon; gene expression analysis; probe; microarray; Alzheimer's disease; multiple sclerosis; schizophrenia; epilepsy; cancer.
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                                                                                                                                                                                      0; Indels
                                                                                                                                                         Length 46;
                                                                                                                                                         DB 4; Len
                                                                                                                                                       25.0%; Score 5; DB 4
100.0%; Pred. No. 4.9
:ive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Chen W, Rank DR;
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26-MAY-2000; 2000US-0207456P.
30-JUN-2000; 2000US-00608408.
03-AUG-2000; 2000US-02632366.
21-SEP-2000; 2000US-0234687P.
27-SEP-2000; 2000US-0234687P.
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                                                                                                                                                                                         5; Conservative
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                                                                                                                                                         Query Match
Best Local Similarity
                                                                                                                                                                                                                                                      20 RGAPM 24
                                                                                                                                                                                                                       2 RGAPM 6
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                                                                                                                           Sequence 46 AA;
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                                                                                                                                                                                                                                                                                                                                                                     AAM64389;
                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                        RESULT 67
                                                                                                                                                                                                                                                                                                                       AAM64389
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The invention relates to a single exon nucleic acid probe (SENP) (I) for measuring human gene expression in a sample derived from human adult liver, comprising one of 13109 defined nuclectide sequences given in the specification (or complements) fragments). The probe hybridises at high stringency to a nucleic acid molecule expressed in the human adult liver. (I) may be used for predicting, measuring and displaying gene expression in samples derived from human adult liver. The genes identified may be involved in genetic liver diseases such as cirrhosis, hyperlipoproteinaemia, hyperlipidaemia and hypercholesterolaemia which is associated with coronary heart disease. ABG47348-ABG59300 represent human constituted for this patent does not appear in the printed specification but was obtained in electronic format directly from WIPO at the wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Human genome-derived single exon nucleic acid probes useful for analyzing gene expression in human adult liver.
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                                                                                                                                                                                                    Human, liver, cirrhosis; hyperlipoproteinaemia, hyperlipidaemia,
hypercholesterolaemia, coronary heart disease.
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100.0%; Pred. No. 4.5
:ive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Claim 27; SEQ ID NO 37483; 658pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DR;
                                                                                                                                                                          Human liver peptide, SEQ ID No 37483.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Rank
                                                                                              ABG58835 standard; peptide; 46 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (MOLE-) MOLECULAR DYNAMICS INC
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2000US-00608408.
2000US-00632366.
2000US-0234687P.
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                                                                                                                                                                                                                                                                                                                                  30-JAN-2001; 2001WO-US000664
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                                                                                                                                                      (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Hanzel DK,
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17
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                 OMLET
 OMLET
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03-AUG-2000;
21-SEP-2000;
27-SEP-2000;
                                                                                                                                                                                                                                                      Homo sapiens.
                                                                                                                                                     25-FEB-2003
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                                                                                                                           ABG58835;
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69 RESULT 69 ABG49246

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Gaps

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0; Indels

25.0%; Score 5; DB 4; Length 46; 100.0%; Pred. No. 4.9e+02; ive 0; Mismatches 0; Indels

Conservative

Query Match Best Local Similarity Matches 5; Conserv

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Penn SG, Hanzel DK,
                                                                                                                                                                                                                                                                               WPI; 2001-476286/51.
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                                                                       WO200157270-A2
                                                                                                                                                                                                                                                                                                                    human breast
                                                                                              09-AUG-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ABG46222;
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Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                    The invention relates to a single exon nucleic acid probe (SENP) (I) for measuring human gene expression in a sample derived from human adult bliver. Comprising one of 1310 defined nucleotide sequences given in the specification (or complements/ fragments). The probe hybridises at high stringency to a nucleic acid molecule expressed in the human adult liver. (I) may be used for predicting, measuring and displaying gene expression in samples derived from human adult liver. The genes identified may be involved in genetic liver diseases such as cirrhosis, hyperlipoproceinaemia, hyperlipidaemia and hypercholesterolaemia which is associated with coronary heart disease. ABG47348-ABG5930 represent human liver single exon encoded peptides of the invention. Note: The sequence but was obtained in electronic format directly from WIPO at fitp.wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                                                                                                                                                                                 Human genome-derived single exon nucleic acid probes useful for analyzing gene expression in human adult liver.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                        Human, liver, cirrhosis, hyperlipoproteinaemia, hyperlipidaemia, hypercholesterolaemia, coronary heart disease.
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                                                                                                                                                                                                                                                                                                                                                                                                                 Claim 27; SEQ ID NO 27894; 658pp; English
                                                                                                                                                                                                                                                                                                                                   Chen W, Rank DR;
                                                                  Human liver peptide, SEQ ID No 27894
ABG49246 standard; peptide; 46 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AAM03170 standard; protein; 46 AA.
                                                                                                                                                                                                                   04-FEB-2000; 2000US-0180312P.
26-MAY-2000; 2000US-0207456P.
30-JUN-2000; 2000US-00608408.
03-AUG-2000; 2000US-0053266.
21-SEP-2000; 2000US-0234687P.
27-SEP-2000; 2000US-023459P.
                                                                                                                                                                                                                                                                                                             (MOLE-) MOLECULAR DYNAMICS INC
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                                                                                                                                                                                              30-JAN-2001; 2001WO-US000664
                                             (first entry)
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                                                                                                                                                                                                                                                                                                                                   DK,
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Matches 5; Conserv
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                                                                                                                           Homo sapiens
                                             25-FEB-2003
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EXEXEXE
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Peptide #1852 encoded by probe for measuring breast gene expression.

(first entry)

09-OCT-2001

AAM03170;

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Probe; human; breast disease; breast cancer; development disorder; inflammatory disease; proliferative breast disease; non-carcinoma tumour.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Novel single exon nucleic acid probe used to measuring gene expression in
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30-UUN-2000; 2000US-00608408.
03-AUG-2000; 2000US-00632366.
21-SEP-2000; 2000US-0234687P.
27-SEP-2000; 2000US-0236559P.
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Gaps

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Indels

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WPI; 2002-114183/15.
                                                                                                 Sequence 46 AA;
       WO200186003-A2
                26-MAY-2000;
                   03-AUG-2000;
    Homo sapiens
         15-NOV-2001
                             Penn SG,
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Mismatches
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21-SEP-2000; 2000US-0234687P.
27-SEP-2000; 2000US-0236359P.
04-OCT-2000; 2000GB-00024263.
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2000US-00608408
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   5; Conservative
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                                                                          OMLET 17
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30-JUN-2000;
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   Matches
                                                                                                                                                                                                                                                                  RESULT 72
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 The invention relates to a spatially-autressation in a sample derived from human lung comprising single exon nucleic acid probes having one of from human lung comprising single exon nucleic acid probes having one of from human lung cacid sequences mentioned in the specification, or their complements or the 12387 open reading frames derived from the 12614 complements or the 12387 open reading frames derived from the 12614 complements or the loopes which hybridise at high stringency to a nucleic acid expressed in the human lung; measuring gene expression in a sample derived from human lung, comprising (a) contacting the array with a collection of detectably labeled nucleic acids derived from human lung measuring the label detectably bound to each probe of the array; identifying exons in a eukaryotic genome, comprising (a) algorithmically predicting at least one excn from genomic sequences of the eukaryote; and (b) detecting specific hybridisation of detectably contacting specific hybridisation of detectably labeled nucleic acids from eukaryote lung mRNA, to a single exon probe, having a fragment identical to the predicted exon, the probe is included to in the above mentioned microarray; assigning exons to a single exon probe, comprising (a) identifying exons from genomic sequence by the method above mentioned microarray; assigning exons to a single exon conversion of the exons in the tissues and/or cell types using hybridisation to a single exon common pattern of expression of the exons should be assigned to a single gene; a peptide comprising one of 12011 sequences, mentioned in the specification, or encoded by the cyclesopes/open reading frames (ORP). The probes are used for gene expression analysis, and for identifying exons in a gene, particularly using human lung disease (ILD), familial idiopathic pulmonary fibrosis, neurofibrors, unlandered expression allowers elected.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Spatially-addressable set of single exon nucleic acid probes, used to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 The invention relates to a spatially-addressable set of single exon
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               dyskinesis; pulmonary hypertension;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 5; DB 5; Le
Pred. No. 4.9e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            measure gene expression in human lung samples.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Claim 27; SEQ ID NO 35887; 634pp; English
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2000US-00608408.
2000US-00632366.
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27-SEP-2000; 2000US-0236359P.
04-OCT-2000; 2000GB-00024263.
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           primary ciliary dyskines:
hyaline membrane disease
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Best Local Similarity
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the inversion of probes for measuring gene expression in a sample derived from human lung comprising single exon nucleic acid probes having one of from human lung comprising single exon nucleic acid probes having one of 12814 paper reading frames derived from the 12614 probes. Also included are a microarray comprising the novel set of probes which hybridise at high stringency to a nucleic acid expressed in the human lung; measuring gene expression in a sample derived from human lung, comprising (a) contacting the array with a collection of detectably labeled nucleic acids derived from human lung measuring the label detectably bound to each probe of the array; identifying exons in a eukaryotic genome, comprising (a) array; identifying exons in a least one exon from genenic sequences of the eukaryote; and (b) detecting specific hybridisation of detectably the above mentioned microarray; assigning exons to a single exon probe, in the above mentioned microarray; assigning exons to a single gene, comprising (a) identifying exons from genomic sequence by the method above and (b) measuring the expression of each of the exons in several
                                                                     Human peptide encoded by genome-derived single exon probe SEQ ID 26857.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Spatially-addressable set of single exon nucleic acid probes, used to
                                                                                                                                                                                              Hermansky-Pudlak syndrome; sarcoidosis; pulmonary haemosiderosis; pulmonary histiocytosis; lymphangioleiomyomtosis; Karagener syndrome; pulmonary alveolar proteinosis; fibrocystic pulmonary dysplasia; primary ciliary dyskinesis; pulmonary hypertension;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           The invention relates to a spatially-addressable set of single exon
                                                                                                              Human; single exon probe; asthma; lung cancer; COPD; ILD; chronic obstructive pulmonary disease; interstitial lung disease; familial idiopathic pulmonary fibrosis; neurofibromatosis; tuberous sclerosis; Gaucher's disease; Niemann-Pick disease;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 measure gene expression in human lung samples.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Claim 27; SEQ ID NO 26857; 634pp; English.
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tissues and/or cell types using hybridisation to a single exon

microarrays having a probe with the exon, where a common pattern of

expression of the exons in the tissues and/or cell types indicates that

the exons should be assigned to a single gene; a peptide comprising one

of 12011 sequences, mentioned in the specification, or encoded by the

probes/open reading frames (ORF). The probes are used for gene expression

analysis, and for identifying exons in a gene, particularly using human

lung derived mRNA and for the study of lung diseases such as asthma, lung

clucker, chronic obstructive pulmonary disease (COPD), interstitial lung

disease (ILD), familial idiopathic pulmonary fibrosis, neurofibromatosis,

tuberous sclerosis, Gaucher's disease, Niemann-Pick disease, Hermansky-

Pudlak syndrome, sarcoidosis, pulmonary alwoolar proteinosis,

Karagener syndrome, fibrocystic pulmonary daysplasia, primary ciliary

dyskinesis, pulmonary hypertension and hyaline membrane disease. The

CC present sequence is a peptide/protein encoded by a single exon probe of

the invention. Note: The sequence data for this patent did not form part

of the printed specification, but was obtained in electronic format

directly from WIPO at ftp.wipo.int/pub/published_pct_sequences
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              antiinflammatory; antiallergic; antiasthmatic; cytostatic; gene therapy; respiratory system antigen; human respiratory system associated polynucleotide; respiratory system disorder; throat disorder; vocal cord paralysis; tonsillitis; laryngitis; lung disorder; preumonia; allergic disorder; asthma; eosinophilic pneumonia; pleurisy; cystic fibrosis; emphysema; histicotyosis; asrocidosis; nose disorder; rininitis; sinusitis; neoplasm; cancer; respiratory tissue cancer; rincat cancer; lung cancer; cancer of the nose; gene therapy; chromosome identification; forensic; human respiratory system associated protein; human.
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2000US-0209467P.
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17-MAR-2000; 2
18-APR-2000; 2
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24-FEB-2000;
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Matches
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2000US-0225213P.
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2000US-022526P.
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2000US-022547P
2000US-0225757P
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2000US-0225759P
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2000US - 0227182P
2000US - 0228924P
2000US - 0229387P
2000US - 0229343P
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26-JUL-2000;
14-AUG-2000;
14-AUG-2000;
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14-AUG-2000;
18-AUG-2000;
22-AUG-2000;
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29-SEP-2000;
02-OCT-2000;
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02-OCT-2000;
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21-SEP-2000;
25-SEP-2000;
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01-SEP-2000;
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28-SEP-2000;
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Novel respiratory system antigen and polynucleotides encoding the polypeptides, useful for treating diagnosing, treating or preventing tonsillitis, pneumonia, asthma and cystic fibrosis, emphysema, throat
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        01.NOV-2000; 2000US-0244617P.
08.NOV-2000; 2000US-0246474P.
08.NOV-2000; 2000US-0246476P.
08.NOV-2000; 2000US-0246477P.
08.NOV-2000; 2000US-0246477P.
08.NOV-2000; 2000US-0246578P.
08.NOV-2000; 2000US-0246524P.
08.NOV-2000; 2000US-024651P.
08.NOV-2000; 2000US-024661P.
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08.NOV-2000; 2000US-024661P.
08.NOV-2000; 2000US-024661P.
08.NOV-2000; 2000US-024661P.
17.NOV-2000; 2000US-024661P.
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17-NOV-2000; 2000US-0249264P.
17-NOV-2000; 2000US-0249264P.
17-NOV-2000; 2000US-0249265P.
17-NOV-2000; 2000US-0249297P.
17-NOV-2000; 2000US-0249300P.
01-DEC-2000; 2000US-02599P.
01-DEC-2000; 2000US-0251030P.
05-DEC-2000; 2000US-0251030P.
05-DEC-2000; 2000US-0251030P.
05-DEC-2000; 2000US-025103P.
06-DEC-2000; 2000US-025186P.
08-DEC-2000; 2000US-025186P.
08-DEC-2000; 2000US-0251869P.
08-DEC-2000; 2000US-0251869P.
08-DEC-2000; 2000US-0251869P.
08-DEC-2000; 2000US-0251869P.
08-DEC-2000; 2000US-0251869P.
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2000US-0249217P.
2000US-0249218P.
2000US-0249244P.
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2000US-0249211P.
2000US-0249212P.
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2000US-0249214P.
2000US-0249215P.
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17-JAN-2001; 2001US-00764860.
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17-NOV-2000; 2
17-NOV-2000; 2
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              a subject which involves determining the presence or absence of mutation in (II) or determining the presence or amount of expression of (I) in a biological sample and diagnosing a pathological condition based on the result. The human respiratory system associated polynucleotides, the polypeptides encoded by them, and antibodies that immunospecifically bind these polypeptides are useful in diagnosis, treatment, prevention and/or prognosis of disorders of respiratory system such as throat disorders (e.g., vocal cord paralysis, tonsillitis, and laryngitis), lung disorders (e.g., pneumonia), allergic disorders, (e.g., asthma and eosinophilic paraumonia), pleurisy, cystic fibrosis, emphysema, histocytosis, cancers of respiratory tissues (e.g., throat cancer, lung cancer, and cancer of the nose). The polynucleotides are useful in gene therapy
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pathological condition or a susceptibility to a pathological condition in
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                                                                                                                                                                                                                                                                                               Length 46;
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30-JUN-2000; 2000US-00608408.
03-AUG-2000; 2000US-0063266.
21-SEP-2000; 2000US-0234687P.
27-SEP-2000; 2000US-023599P.
04-OCT-2000; 2000GB-00024263.
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Sequence 47 AA;

The invention describes an isolated polypeptide (I) comprising an amino acid sequence that is at least 90% identical to polypeptide fragment of any one of 299 respiratory system antigen sequences (F6) and having biological activity, polypeptide domain or epitope of PS, full-length protein of PS, or variant, allelic variant or species homolog of PS. (I) or a polynucleotide (II) encoding (I) is also useful for diagnosing a

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DB 4; Le.__
No. 5e+02;
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          Query Match 25.0%; Score 5; DB 4 Best Local Similarity 100.0%; Pred. No. 5e+Matches 5; Conservative 0; Mismatches
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26-MAY-2000; 2000US-0207456P.
30-JUN-2000; 2000US-00608408.
03-AUG-2000; 2000US-003456.
21-SEP-2000; 2000US-0234687P.
27-SEP-2000; 2000US-023453FP.
04-OCT-2000; 2000GB-00024263.
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Sequence 176, App
Sequence 188, App
Sequence 200, App
Sequence 528, App
Sequence 534, App
Sequence 534, App
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Sequence 167866, Sequence 167, App
Sequence 167866, Sequence 502, App
Sequence 202542, Sequence 204604, Sequence 204604, Sequence 204604, Sequence 205525, Sequence 275966, Sequence 275966, Sequence 275966, Sequence 177624, Sequence 177624, Sequence 262031, Sequence 262031, Sequence 262033, Sequence 262035, Sequenc
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Sequence 105389,
Sequence 151381,
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Sequence 772, App
Sequence 47995, A
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US-10-262-839-184
US-10-262-839-182
US-10-262-839-186
US-10-263-929-117
US-10-000-512-2
US-10-074-566-2
US-10-262-839-176
      Sequence 3, Appli
Sequence 22, Appl
Sequence 181184,
Sequence 3133, Ap
Sequence 3133, Ap
Sequence 3019, Ap
Sequence 2509, Ap
Sequence 180, App
Sequence 180, App
Sequence 196, App
Sequence 196, App
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                                                                                                                                                                                        October 26, 2004, 07:22:37 ; Search time 65 Seconds (without alignments) 99.618 Million cell updates/sec
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| cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep:*
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7: /cgn2_6/ptodata/2/pubpaa/US07_BUBCOMB.pep:*
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Copyright (c) 1993 - 2004 Compugen Ltd.
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US-10-066-965A-3
US-10-066-965A-3
US-10-066-965A-2
US-10-06-965A-2
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US-10-369-493-1733
US-10-264-049-3133
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US-10-066-965A-22

; Sequence 22, Application US/10066965A
; Publication No. US2030143626A1
; Publication No. US20303143626A1
; GENERAL INFORMATION:
; APPLICANT: COLAS, PIERRE
; APPLICANT: COLEN, BARAK A.
; TITLE OF INVENTION: TARGETED MODIFICATION OF INTRACELLULAR COMPOUNDS
; FILE REFERENCE: EGYP 3.0-015
; CURRENT APPLICATION NUMBER: US/10/066,965A
; CURRENT PILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 33
; SEQ ID NO 22
; LENGTH: 20
                                                                                                                                                                   US-10-066-965A-3

Sequence 3, Application US/10066965A

Publication No. US20030143626A1

Publication No. US20030143626A1

GENERAL INFORMATION:

APPLICANT: COLAS, PIERRE

APPLICANT: COLAS, PIERRE

APPLICANT: COLAS, PIERRE

FILE REFERENCE: EGYP 3.0-015

CURRENT FLING DATE: 2002-12-09

NUMBER OF SEQ ID NOS: 33

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 3

LINGTH: 20

TYPE: RT

CORANISM: Artificial Sequence
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US-10-066-965A-22
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US-10-066-965A-3
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Pred. No. 1.2;
0; Mismatches 0; Indels
Score 20; DB 14; Pred. No. 1.1e-14;
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100.0%; Pred. No. 1.2;
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              100.0%;
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Sequence 236694,
Sequence 243343,
Sequence 115372,
Sequence 124347,
Sequence 7168, Ap
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                                215851, 127248,
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Sequence 159333,
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                                                                                                                                                                                                                                                                                                            Sequence 4, Application US/10066965A; Sequence 4, Application US/10066965A; Publication No. US20030143626A1; APPLICANT: COLAS, PIERRE; APPLICANT: COREN, APPLICANT: COREN, APPLICANT: COREN, APPLICANT: COREN, APPLICANT: COREN, CURRENT APPLICATION NUMBER 105/10/066,965A; CURRENT FILING DATE: 2002-12-09; NUMBER CF SEQ ID NOS: 33; SOFTWARE: Patentin Ver. 2.1; SEQ ID NO 4
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US-10-066-965A-23
US-10-066-965A-23
; Sequence 23, Application US/10066965A
; Publication No. US20030143626A1
; GENERAL INFORMATION:
; APPLICANT: COLAS, PIEREE
; APPLICANT: COLAS, PIEREE
; APPLICANT: COHEN, BARAK A.
; TILLE OF INVENITON: TARGETED MODIFICATION OF INTRACELLULAR COMPOUNDS
; FILE REPERRNCE: EGYP 3.0-015
; CURRENT APPLICATION NUMBER: US/10/066,965A
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PALENTIN Ver. 2.1
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US-10-066-965A-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: peptide
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US-10-424-599-215851
US-10-424-599-215851
US-10-424-599-243343
US-10-424-599-243343
US-10-437-963-115372
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LENGTH: 20
                     TYPE: PRT
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GENERAL INFORMATION:
GENERAL INFORMATION:
FAPPLICANT: Bitse et al.
TITLE OF INVENTION:
CURRENT APPLICATION NUCLeic Acids, Proteins, and Antibodies
FILE REFERENCE: PA133P1
CURRENT FILING DATE: 2002-10-04
PRIOR FILING DATE: 2001-06-07
PRIOR FILING DATE: 2001-06-07
PRIOR FILING DATE: 2001-06-07
NUMBER OF SEQ ID NOS: 4360
NUMBER OF SEQ ID NOS: 4360
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 30.0%; Score 6; DB 14; Length 395; Best Local Similarity 100.0%; Pred. No. 1.4e+02; Matches 6; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                      30.0%; Score 6; DB 15; Length 285; 100.0%; Pred. No. 1.1e+02; Attive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: OTSUKA, MOTOVUKI
APPLICANT: NAGARARI, KENJI
APPLICANT: NAGARINI, KENJI
TITLE OF INVENTION: NOVEL FULL-LENGTH CDNA
FILE REFERENCE: 084335/0160
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/094,749
CURRENT FILING DATE: 2002-03-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: 60/350,435
PRIOR FILING DATE: 2002-01-24
PRIOR APPLICATION NUMBER: JP 2001-328381
PRIOR FILING DATE: 2001-09-14
NUMBER OF SEQ ID NOS: 3381
SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; Sequence 3019, Application US/10094749; Publication No. US20030219741A1; GENERAL INFORMATION:
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SATO, HIROYUKI
ISHII, SHIZUKO
YAMAMOTO, JUN-ICHI
ISONO, YUUKO
HIO, YUKI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SUGIYAMA, TOMOYASU
OTSUKI, TETSUJI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TAMECHIKA, ICHIRO
SEKI, NAOHIKO
YOSHIKAWA, TSUTOMU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            HIO, YURI
OTSUKA, KAORU
NAGAI, KEIICHI
IRIE, RYOTARO
                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 100.
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: ISOGAI, TAKAO
                                                                                                                                                                                                                                                                                                                                                                    ; ORGANISM: Homo sapiens
US-10-264-049-3133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                15 LETKFL 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-10-094-749-3019
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                                                                                                                                                                                                                                                                                                  SEQ ID NO 3133
LENGTH: 285
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                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
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APPLICANT:
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APPLICANT:
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APPLICANT:
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       US-10-437-963-181184

Sequence 181184, Application US/10437963

Publication No. USZ0040123343A1

Publication No. USZ0040123343A1

Publication No. USZ0040123343A1

APPLICANT: Rovalic, David K.

APPLICANT: Kovalic, David K.

APPLICANT: APPLICANT: Andrey A.

APPLICANT: Barbazuk, Brad

APPLICANT: Bradsuk, Brad

APPLICANT: APPLICANT: ANDREST W.

APPLICANT: APPLICANT: ANDREST W.

APPLICANT: APPLICANT: ANDREST W.

APPLICANT: APPLICANTON: Plants and Uses Thereof for Plant Improvement

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

CURRENT APPLICANION NUMBER: US/10/437,963

CURRENT FILING DATE: 2003-05-14

SEQ ID NO 181184
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Hinkle, Gregory J.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Goldman, Barry S.
APPLICANT: Goldman, Barry S.
APPLICANT: Chen, Xianfeng
TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROPERTIES
FILE REFERENCE: 38-10(52052)B
CURRENT APPLICATION NUMBER: US/10/369,493
CURRENT FILING DATE: 2003-02-28
RIOR APPLICATION NUMBER: US 60/360,039
PRIOR FILING DATE: 2002-02-21
NUMBER OF SEQ ID NOS: 47374
SEQ ID NO 17206
LENGTH: 278
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          30.0%; Score 6; DB 16; Length 81; 100.0%; Pred. No. 41;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Clone ID: PAT_MRT4530_78482C.1.pep US-10-437-963-181184
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
30.0%; Score 6; DB 1.
Best Local Similarity 100.0%; Pred. No. 1.1
Matches 6; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Mismatches
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; Publication No. US20030233675A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 7
US-10-264-049-3133
; Sequence 3133, Application US/10264049
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT; ORGANISM: Bacillus halodurans
US-10-369-493-17206
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     225 LETKFL 230
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best_Local Similarity Matches 6; Conserv
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LENGTH: 434
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APPLICANT:
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ITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A

CURRENT APPLICATION NUMBER: 05/202

PRIOR FILING DATE: 2003-02-20

PRIOR FILING DATE: 2000-03-21

PRIOR FILING DATE: 2000-05-23

PRIOR FILING DATE: 2000-05-23

PRIOR FILING DATE: 2000-05-26

PRIOR FILING DATE: 2000-05-26

PRIOR FILING DATE: 2000-05-26

PRIOR FILING DATE: 2000-05-06

PRIOR FILING DATE: 2000-09-06

PRIOR PLING DATE: 2000-09-06
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APPLICANT: Zhang, Eing
APPLICANT: Gibson, Bradford W.
APPLICANT: Gibson, Bradford W.
APPLICANT: Taylor, Steven W.
APPLICANT: Taylor, Steven W.
APPLICANT: Glenn, Gary M.
TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME
TITLE OF INVENTION UNMER: US/10/408, 765A
CURRENT FILING DATE: 2003-04-04
NUMBER OF SEQ ID NOS: 3077
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2509
LENGTH: 395
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Publication No. US20040029129A1
GENERAL INFORMATION:
APPLICANT: Mang, Liangsu
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Ohlsen, Kari
APPLICANT: Zyskind, Judith
                                                                                                                                                                                                                         Sequence 2509, Application US/10408765A Publication No. US20040101874A1 GENERAL INPORMATION:
APPLICANT: Ghosh, Soumitra S. APPLICANT: Fahy, Eoin D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 2000-11-27
APPLICATION NUMBER: 60/257,931
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Trawick, John
Carr, Grant
Yamamoto, Robert
Forsyth, R.
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; ORGANISM: Homo sapiens
US-10-408-765A-2509
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365 QMLETK 370
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Best Local Similarity
Matches 6; Conserv
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US-10-282-122A-76949
                                                                                                                                             RESULT 9
US-10-408-765A-2509
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APPLICANT:
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APPLICANT: Zhong, Mei
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
FILE REFERENCE: 21402-462b
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PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR PRILING DATE: 2001-02-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
SOFTWARE: Patentin version 3.1
SEQ ID NO 76949
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0; Mismatches
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CURRENT APPLICATION NUMBER: US/10/262,839

CURRENT FILING DATE: 2002-10-01

PRIOR APPLICATION NUMBER: 60/326,483

PRIOR FILING DATE: 2001-10-02

PRIOR FILING DATE: 2001-10-09

PRIOR PELICATION NUMBER: 60/326,029

PRIOR FILING DATE: 2001-10-09

PRIOR APPLICATION NUMBER: 60/38,029

PRIOR FILING DATE: 2001-10-09

PRIOR PELING DATE: 2001-10-09

PRIOR PLING DATE: 2002-04-16

PRIOR FILING DATE: 2002-04-16

PRIOR PELING DATE: 2002-04-16

PRIOR PELING DATE: 2002-04-16

PRIOR APPLICATION NUMBER: 60/331,101

PRIOR APPLICATION NUMBER: 60/331,342

PRIOR APPLICATION NUMBER: 60/327,342

PRIOR APPLICATION NUMBER: 60/327,342

PRIOR APPLICATION NUMBER: 60/327,342
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; Sequence 180, Application US/10262839; Publication No. US20040038877A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Rothenberg, Mark,
Shimkets, Richard,
Smithson, Glenda,
Spytek, Kimberly,
Taupier, Raymond, jr.,
Vernet, Corine,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Alsobrook, John,
APPLICANT: Anderson, David W.,
APPLICANT: Boldog, Ferenc,
APPLICANT: Catterton, Elina,
APPLICANT: Catterton, Elina,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Edinger, Shlomit,
Ellerman, Karen,
Gerlach, Valerie,
Gorman, Linda,
Guo, Xiaojia,
Ji, Weizhen,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patturajan, Meera,
Reiger, Daniel,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Vernet, Corine,
Voss, Edward,
Zerhusen, Brian,
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Miller, Charles,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Kekuda, Ramesh,
                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Vibrio cholerae
                                                                                                                                                                                                                                                                                                                                                                                                                   6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              177 APMWLR 182
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Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4 APMWLR 9
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  PRIOR FILING DATE: 2001-10-09
PRIOR APPLICATION WUMBER: 60/328, 849
PRIOR FILING DATE: 2001-10-12
PRIOR PLING DATE: 2002-04-23
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 367
SOFTWARE: GuraSequist version 0.1
SEQ ID NO 196
LENGTH: 577
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:

APPLICANT: Ghosh, Soumitra S.

APPLICANT: Ghosh, Soumitra S.

APPLICANT: Fahy, Eoin D.

APPLICANT: Taylor, Steven W.

APPLICANT: Taylor, Steven W.

APPLICANT: Glenn, Gary W.

APPLICANT: Glenn, Gary W.

APPLICANT: Glenn, Gary W.

TITLE OF INVENTION: TDENTIFIED IN THE MITOCHONDRIAL PROTEOME
FILE REFERENCE: 660088.465

CURRENT APPLICATION WHERE: US/10/408,765A

CURRENT FILING DATE: 2003-04-04

NUMBER OF SEQ ID NOS: 3077

SOFTWARE: FastSEQ for Windows Version 4.0

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                                                                                                                                                                                                                                                                                                                                                Length 577;
                                                                                                                                                                                                                                                                                                                                                                                                0; Indels
                                                                                                                                                                                                                                                                                                                                                Query Match
30.0%; Score 6; DB 15; Li
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 6; Conservative 0; Mismatches 0;
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Publication No. US20040038877A1
GENERAL INFORMATION:
APPLICANT: Alsobrook, John,
APPLICANT: Anderson, David W.,
APPLICANT: Boldog, Ferenc,
APPLICANT: Burgess, Catherine,
APPLICANT: Edinger, Shlomit,
APPLICANT: Edinger, Shlomit,
APPLICANT: Gerlach, Valerie,
APPLICANT: Gerlach, Valerie,
APPLICANT: Gerlach, Valerie,
APPLICANT: Good, Xiaojia,
APPLICANT: Guo, Xiaojia,
APPLICANT: Ji, Weizhen,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 2869, Application US/10408765A Publication No. US20040101874A1
                                                                                                                                                                                                                                                 ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-262-839-196
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; ORGANISM: Homo sapiens
US-10-408-765A-2869
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546 QMLETK 551
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APPLICANT: Vermet, Corine,
APPLICANT: Vermet, Corine,
APPLICANT: Vermet, Edward,
APPLICANT: Zerbusen, Brian,
APPLICANT: Zerbusen, Brian,
APPLICANT: Zerbusen, Brian,
APPLICANT: Zhong, Mei
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOR
FILE REFERENCE: 21402-4628
FILE REFERENCE: 21402-4628
FILE REFERENCE: 21402-4628
FRICH APPLICATION NUMBER: 60/326,483
FRICH APPLICATION NUMBER: 60/327,917
FRICH FILING DATE: 2001-10-09
FRICH PRILING DATE: 2001-10-09
FRICH PRILING DATE: 2001-10-09
FRICH APPLICATION NUMBER: 60/328,026
FRICH APPLICATION NUMBER: 60/381,101
FRICH PRILING DATE: 2001-10-09
FRICH APPLICATION NUMBER: 60/381,101
FRICH PRILING DATE: 2002-10-09
FRICH APPLICATION NUMBER: 60/381,101
FRICH PRILING DATE: 2002-05-16
FRICH PRILING DATE: 2002-05-16
FRICH PRILING DATE: 2002-05-16
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PRIOR FILING DATE: 2001-10-09
PRIOR APPLICATION WUMBER: 60/328,849
PRIOR FILING DATE: 2001-10-12
PRIOR FILING DATE: 2002-04-23
PRIOR FILING DATE: 2002-04-23
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 367
SOFTWARE: Curasequist version 0.1
LENGTH: 571
                                                                                                                                                                                                                                                                                                                                           10.0%; Score 6; DB 15; Length 571; Similarity 100.0%; Pred. No. 1.9e+02; 6; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 196, Application US/10262839 Publication No. US20040038877A1 GENERAL INFORMATION: APPLICANT: Alsobrook, John, APPLICANT: Anderson, David W.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 60/327,342
FILING DATE: 2001-10-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Reiger, Daniel,
Rothenberg, Mark,
Shinkets, Richard,
Smithson, Glennda,
Spytek, Kimberly,
Taupier, Raymond, jr.,
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Burgess, Catherine,
Catterton, Elina,
Edinger, Shlomit,
Ellerman, Karen,
Gerlach, Valerie,
Gorman, Linda,
Ju, Weizhen,
Ji, Weizhen,
Kekuda, Ramesh,
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Reiger, Daniel,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Li, Li,
Miller, Charles,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Leach, Martin,
                                                                                                                                                                                                                                              ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-262-839-180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        545 OMLETK 550
                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                           13 QMLETK 18
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APPLICANT:
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APPLICANT: ZDEGINGAN, BELIARI,
APPLICANT: ZDEGINGAN, BELIARI,
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
FILE REFERENCE: 21402-462A
FILE REFERENCE: 2002-10-01
PRIOR PELICATION NUMBER: 60/326,483
PRIOR APPLICATION NUMBER: 60/326,483
PRIOR APPLICATION NUMBER: 60/326,483
PRIOR APPLICATION NUMBER: 60/326,029
PRIOR PELING DATE: 2001-10-09
PRIOR FILING DATE: 2001-10-09
PRIOR FILING DATE: 2001-10-09
PRIOR FILING DATE: 2001-10-09
PRIOR FILING DATE: 2002-06-16
PRIOR FILING DATE: 2001-10-09
PRIOR FILING DATE: 2001-00-09
PRIOR FILING DATE
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; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; Sequence 186, Application US/10262839; Publication No. US20040038877A1; GENERAL INFORMATION:
; APPLICANT: Alsobrook, John,
; APPLICANT: Boldog, Ferenc,
; APPLICANT: Burgess, Catherine,
; APPLICANT: Edinger, Shlomit,
; APPLICANT: Edinger, Shlomit,
; APPLICANT: Edinger, Shlomit,
                                                                                                                                                                                                                                                                                                                 Spyrek, Kimberly,
Taupier, Raymond, jr.,
Verner, Corine,
Voss, Edward,
Zerhusen, Brian,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      30.00
100.08; Pr
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Boldog, Ferenc,
Burgess, Catherine,
Catterton, Elina,
Edinger, Shlomit,
Ellerman, Karen,
Gerlach, Valerie,
Gorman, Linda,
Gow, Xiaojia,
Ji, Weizhen,
                                                                                                                                                                               Reiger, Daniel,
Rothenberg, Mark,
Shimkets, Richard,
Smithson, Glennda,
                                                                                                                                             Patturajan, Meera,
                                                                              Li, Li,
Miller, Charles,
Kekuda, Ramesh,
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                                         Leach, Martin,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CRGANISM: Homo sapiens US-10-262-839-182
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Best Local Similarity
Matches 6; Conserv
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US-10-262-839-186
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APPLICANT:
APPLICANT;
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APPLICANT: Vernet, Corine,
APPLICANT: Vernet, Corine,
APPLICANT: Zerhusen, Brian,
APPLICANT: Zhong, Mei
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
FILE REPRENEUE: 21402-462A
CURRENT APPLICATION NUMBER: US/10/262,839
CURRENT FILING DATE: 2002-10-01
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PRIOR PLILING DATE: 2001-10-02
PRIOR FILING DATE: 2001-10-02
PRIOR PLILAGE DATE: 2001-10-02
PRIOR FILING DATE: 2001-10-09
PRIOR FILING DATE: 2001-10-09
PRIOR PLILAGE DATE: 2001-10-09
PRIOR PLILAGE DATE: 2001-10-09
PRIOR PLILING DATE: 2001-10-09
PRIOR PLILING DATE: 2001-10-09
PRIOR PLILING DATE: 2002-05-16
PRIOR PLILING DATE: 2002-05-16
PRIOR PLILING DATE: 2002-04-12
PRIOR PLILING DATE: 2001-10-05
PRIOR PLILING DATE: 2001-10-09
PRIOR PLILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: 60/328, 849
PRIOR PLILING DATE: 2001-10-12
PRIOR PLILING DATE: 2001-10-12
PRIOR PLILING DATE: 2001-10-12
PRIOR PLILING DATE: 2001-10-14
PRIOR PLILING DATE: 2001-10-15
PRIOR PLILING DATE: 2001-10-16
PRIOR PLILING DATE: 2001-10-17
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100.0%; Pred. No. 3.9e+02;
tive 0; Mismatches 0; Indels
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Publication No. US20040038877A1
GENERAL INFORMATION:
APPLICANT: Alsobrook, John,
APPLICANT: Boldog, Ferenc,
APPLICANT: Boldog, Ferenc,
APPLICANT: Gaterton, Elina,
APPLICANT: Edinger, Shlomit,
APPLICANT: Edinger, Shlomit,
APPLICANT: Edinger, Shlomit,
APPLICANT: Gatlach, Valerie,
APPLICANT: Gerlach, Valerie,
APPLICANT: Gonman, Linda,
APPLICANT: Guo, Xiaojia,
APPLICANT: Ji, Weizhen,
                                                                      Li, Li,
Miller, Charles,
Patturajan, Mera,
Reiger, Daniel,
Stothenberg, Mark,
Shimkets, Richard,
Smithson, Glennda,
Smithson, Glennda,
Taupier, Raymond, jr.,
Vernet, Corine,
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Matches 6; Conservative
   Kekuda, Ramesh,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Homo sapiens
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US-10-262-839-182
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APPLICANT:
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APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT
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APPLICANT: Li, Li
APPLICANT: Gorman, Linda
APPLICANT: Gorman, Linda
APPLICANT: Gusev, Vladimir Y.
APPLICANT: Gusev, Vladimir Y.
APPLICANT: Patturajan, Meral
APPLICANT: Patturajan, Meral
APPLICANT: Shenoy, Suresh G.
APPLICANT: Shenoy, Suresh G.
APPLICANT: Spytek, Kimberly A.
TITLE OF INVENTION: Polypeptides and Polynucleotides Encoding Same
FILE REFERENCE: 15966-556 CIPI
CURRENT APPLICATION NUMBER: US/10/074,566
CURRENT PILING DATE: 2002-02-13
PRIOR PILING DATE: 1999-07-20
PRIOR PILING DATE: 1999-01-20
PRIOR PILING DATE: 1999-11-29
PRIOR PILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: 60/144,722
PRIOR PILING DATE: 2001-03-19
                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
                                                                                                                                                                                                                                                                                                     APPLICANT: Shinkets, Richard A
APPLICANT: Shinkets, Richard A
APPLICANT: Shinkets, Elma
TITLE OF INVENTION: POLYPEPTIDES AND POLYNUCLEOTIDES ENCODING SAME
FILE REPEBENCE: 15966-552
CURRENT APPLICATION NUMBER: US/10/000,512
CURRENT FILING DATE: 2001-10-23
PRIOR APPLICATION NUMBER: 09/619,252
PRIOR APPLICATION NUMBER: 60/167,785
PRIOR PILING DATE: 1999-11-29
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 2
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                                                   Length 1568;
                                                                                       0; Indels
                                                 Score 6; DB 15; Le; Pred. No. 4.1e+02; 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULA 1.
US-10-074-566-2
; Sequence 2, Application US/10074566
; Publication No. US20030207348A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A.
· APPLICANT: Ferrandes, Elma R.
                                                                                                                                                                                                                                                  Sequence 2, Application US/10000512
Publication No. US20020164699A1
GENERAL INFORMATION:
                                                   30.0%; 2
                                   Query Match
Best Local Similarity 100..
6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-000-512-2
; ORGANISM: Mus musculus
US-10-263-929-117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1393 QMLETK 1398
                                                                                                                                                             394 LRCVCQ 399
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
Matches 6; Conserv
                                                                                                                           8 LRCVCQ 13
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Publication No. US20040067535A1
GENERAL INFORMATION:
APPLICANT: Kim, Jacsob
APPLICANT: Kim, Jacsob
TITLE OF INVENTION: Alzheimer's Disease Linked Genes
FILE REFERENCE: LSD-07417
CURRENT APPLICATION NUMBER: US/10/263,929
CURRENT FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 213
SEQ ID NO 117
LENGTH: 1568
                                                                                                                                                         Spytek, Kimberly,
Taupier, Raymond, jr.,
Vernet, Corine,
                                                                         Patturajan, Meera,
Reiger, Daniel,
                                                                                                                            Shimkets, Richard
Smithson, Glennda
                                                                                                           Rothenberg, Mark
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                                       Li, Li,
Miller, Charles,
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Best Local Similarity 100.
Matches 6; Conservative
 Kekuda, Ramesh
Leach, Martin,
                                                                                                                                                                                                    Vernet, Corin
Voss, Edward,
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; ORGANISM: Homo sapiens
US-10-262-839-186
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1393 QMLETK 1398
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Miller,
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SEQ ID NO 176
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APPLICANT:
APPLICANT:
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APPLICANT:
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APPLICANT:
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APPLICANT: Gorman, Linda
APPLICANT: Gorman, Linda
APPLICANT: Gusev, Muralidhara
APPLICANT: Padigaru, Muralidhara
APPLICANT: Patturajan, Mera
APPLICANT: Shenoy, Suresh G.
APPLICANT: Speck, Kimberly A.
TITLE OF INVENTION: Polypeptides and Polynucleotides Encoding Same
FILE REPERENCE: 12566-556 CIP1
CURRENT APPLICATION NUMBER: US,10/074,566
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                                                                                                                                                                                                                                                                   Length 1588;
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אס. 4.1e+02;
0; Indels
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Pred. No.
CURRENT FILING DATE: 2002-02-13
PRIOR APPLICATION NUMBER: 09/619,252
PRIOR APPLICATION NUMBER: 60/144,722
PRIOR PILING DATE: 2000-07-19
PRIOR PILING DATE: 1999-07-20
PRIOR FILING DATE: 1999-07-20
PRIOR FILING DATE: 1999-07-20
PRIOR FILING DATE: 1999-07-29
PRIOR APPLICATION NUMBER: 60/276,994
PRIOR APPLICATION NUMBER: 60/206,994
PRIOR APPLICATION NUMBER: 60/206,994
PRIOR PILING DATE: 2001-03-19
PRIOR FILING DATE: 2001-03-19
PRIOR FILING DATE: 2001-04-02
PRIOR PRILING DATE: 2001-11-14
PRIOR APPLICATION NUMBER: 60/212,766
PRIOR PILING DATE: 2001-05-02
PRIOR FILING DATE: 2001-05-07
PRIOR FILING DATE: 2001-05-17
PRIOR FILING DATE: 2001-06-17
PRIOR FILING DATE: 2001-06-17
PRIOR FILING DATE: 2001-08-21
NUMBER OF SEQ ID NOS: 132
CSOFWARE: PALENTIN VET: 2.1
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US-10-074-566-41
; Sequence 41, Application US/10074566
; Publication No. US20030207348A1
                                                                                                                                                                                                                                                    30.0%; Scullo.0%; Pre
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APPLICANT: Shimkets, Richard A.
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Best Local Similarity 100.
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Best Local Similarity
Matches 6; Conserv
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ORGANISM: human
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LENGTH: 1588
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Gaps

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13 QMLETK 18

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TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHODS;
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHODS;
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHODS;
CURRENT APPLICATION NUMBER: 06/326,483
PRIOR FILING DATE: 2001-10-02
PRIOR FILING DATE: 2001-10-03
PRIOR PILING DATE: 2001-10-09
PRIOR PILING DATE: 2002-05-16
PRIOR PAPLICATION NUMBER: 60/328,026
PRIOR PAPLICATION NUMBER: 60/328,049
PRIOR PILING DATE: 2001-10-05
PRIOR APPLICATION NUMBER: 60/328,044
PRIOR PILING DATE: 2001-10-05
PRIOR APPLICATION NUMBER: 60/328,049
PRIOR PILING DATE: 2001-10-05
PRIOR APPLICATION NUMBER: 60/328,449
PRIOR APPLICATION NUMBER: 60/328,449
PRIOR PILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: 60/328,449
PRIOR PILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: 60/328,449
PRIOR PILING DATE: 2001-10-12
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Sequence 176, Application US/10262839
Publication No. US20040038877A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Spytek, Kimberly,
Taupier, Raymond, jr.,
Vernet, Corine,
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                                                                                            APPLICANT: Alsobrook, John, APPLICANT: Anderson, David W.,
                                                                                                                                                                          Boldog, Ferenc,
Burgess, Catherine,
                                                                                                                                                                                                                                             Catterton, Elina,
Edinger, Shlomit,
Ellerman, Karen,
Gerlach, Valerie,
Gorman, Linda,
Guo, Xiaojia,
Ji, Weizhen,
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Reiger, Daniel,
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Shimkets, Richard
Smithson, Glennda
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Voss, Edward,
Zerhusen, Brian,
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Leach, Martin,
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CRCANISM: Homo sapiens
US-10-262-839-176
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Best Local Similarity
Matches 6; Conserv
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APPLICANT: CELLUSEL, BILDLE,
APPLICANT: CELLUSEL, BILDLE,
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHODE
FILE REFERENCE: 21402-462A
CURRENT APPLICATION NUMBER: 60/326,483
PRIOR PLICATION NUMBER: 60/326,483
PRIOR FILING DATE: 2001-10-02
PRIOR FILING DATE: 2001-10-09
PRIOR PLICATION NUMBER: 60/326,029
PRIOR PLICATION NUMBER: 60/328,029
PRIOR PLING DATE: 2001-10-09
PRIOR PLING DATE: 2002-04-12
PRIOR PLING DATE: 2002-04-12
PRIOR PLING DATE: 2001-10-09
PRIOR PRILING DATE: 2001-10-09
PRIOR PLING DATE: 2001-10-09
PRIOR PLING DATE: 2001-10-09
PRIOR APPLICATION NUMBER: 60/328,949
PRIOR PLING DATE: 2001-10-09
PRIOR PLING DATE: 2001-10-09
PRIOR APPLICATION NUMBER: 60/328,949
PRIOR PLING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: 60/374,738
PRIOR PRING APPLICATION NUMBER: 60/374,738
PRIOR PRING DATE: 2001-10-12
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SOFTWARE: CuraSeqList version 0.1
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                                                                                                                                                   Sequence 194, Application US/10262839
Publication No. US20040038877A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Tupjer, Raymond, jr.,
Vernet, Corine,
Voss, Edward,
Zerhusen, Brian,
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Reiger, Daniel,
Rothenberg, Mark,
Shimkets, Richard,
Smithson, Glennda,
Spytek, Kimberly,
                                                                                                                                                                                                                          APPLICANT: Alsobrook, John, APPLICANT: Anderson, David W.
                                                                                                                                                                                                                                                                                                                              Catterton, Bina,
Bdinger, Shlomit,
Bdinger, Shlomit,
Gerlach, Valerie,
Gorman, Linda,
Guo, Xiaojia,
Ji, Weizhen,
Kekuda, Ramesh,
Leach, Martin,
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Miller, Charles,
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ORGANISM: Homo sapiens
                               1393 OMLETK 1398
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    13 QMLETK 18
                                                                                                                                 US-10-262-839-194
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LENGTH: 1588
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APPLICANT:
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APPLICANT:
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[TLE OF'INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
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PRIOR APPLICATION NUMBER: 60/371,972
PRIOR PELING DATE: 2002-04-12
PRIOR PELING DATE: 2001-10-05
PRIOR PILING DATE: 2001-10-06
PRIOR PILING DATE: 2001-10-09
PRIOR APPLICATION NUMBER: 60/328,044
PRIOR APPLICATION NUMBER: 60/328,849
PRIOR PILING DATE: 2001-10-12
PRIOR PILING DATE: 2002-04-23
PRIOR FILING DATE: 2002-04-23
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 367
SOFTWARE: CuraSeqList version 0.1
LENGTH: 1588
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CURRENT APPLICATION NUMBER: US/10/262,839

CURRENT FILING DATE: 2002-10-01

PRIOR PEDLICATION NUMBER: 60/326,483

PRIOR APPLICATION NUMBER: 60/326,483

PRIOR APPLICATION NUMBER: 60/326,029

PRIOR FILING DATE: 2001-10-09

PRIOR PELING DATE: 2001-10-09

PRIOR PELING DATE: 2001-10-09

PRIOR PELING DATE: 2001-10-09

PRIOR FILING DATE: 2001-10-09
                                                                                                                                              Sequence 188, Application US/10262839
Publication No. US20040038877A1
GENERAL INFORMATION:
APPLICANT: Alsobrock, John,
APPLICANT: Anderson, David W.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Spytek, Kimberly,
Taupier, Raymond, jr.,
Vernet, Corine,
Voss, Edward,
Zerhusen, Brian,
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Burgess, Catherine,
Catterton, Elina,
Edinger, Shlomit,
Ellerman, Karen,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Patturajan, Mera,
Reiger, Daniel,
Rothenberg, Mark,
Shimkets, Richard,
Smithson, Glennda,
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Gorman, Linda,
Guo, Xiaojia,
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Kekuda, Ramesh,
Leach, Martin,
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Miller, Charles,
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Best Local Similarity 100.
Matches 6; Conservative
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US-10-262-839-188
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1393 QMLETK 1398
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APPLICANT:
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TITLE OF INVENTION: GTP-BINDING PROTEIN USEFUL IN TREATMENT
TITLE OF INVENTION: GTP-BINDING PROTEIN USEFUL IN TREATMENT
TITLE OF INVENTION: AND DETECTION OF CANCER
FILE REFERENCE: 122 - 60521
CURRENT APPLICATION NUMBER: US/09/834, 765
CURRENT APPLICATION NUMBER: 60/197, 647
PRIOR PILING DATE: 2000-04-12
PRIOR FILING DATE: 2000-04-12
NUMBER OF SEQ ID NOS: 770
SOSTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 634
LENGTH: 9
                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Aya Jakobovits
TITLE OF INVENTION: GTP-BINDING PROTEIN USEFUL IN TREATMENT
TITLE OF INVENTION: AND DETECTION OF CANCER
FILE REFERENCE: 129, 6USU1
CURRENT APPLICATION NUMBER: US/09/834,765
CURRENT PILING DATE: 2001-09-21
PRIOR APPLICATION NUMBER: 60/197,647
PRIOR FILING DATE: 2000-04-12
NUMBER OF SEQ ID NOS: 770
SOFTWARE: FASTSEQ for Windows Version 4.0
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Patent No. US2002055478A1
GENERAL INFORMATION:
APPLICANT: Pia M. Challita-Eid
APPLICANT: Pia M. Challita-Eid
APPLICANT: Steve Chappell Mitchell
APPLICANT: Daniel E.H. Afar
                                                                                                                                                     Sequence 528, Application US/09834765; Patent No. US20020055478A1; GENERAL INFORMATION:
APPLICANT: Pia M. Challita-Eid; APPLICANT: Pia M. Challita-Eid; APPLICANT: Steve Chappell Mitchell; APPLICANT: Daniel E.H. Afar
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 25.0
Best Local Similarity 100.
Matches 5; Conservative
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ORGANISM: Homo sapiens
US-09-834-765-634
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Homo sapiens
||||||
1393 QMLETK 1398
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TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
FILE REPERENCE: 21402-462A
CURRENT APPLICATION NUMBER: US/10/262,839
CURRENT FILING DATE: 2002-10-01
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PRIOR FILING DATE: 2001-10-02
PRIOR PLING DATE: 2001-10-02
PRIOR PLING DATE: 2001-10-02
PRIOR PLING DATE: 2001-10-09
PRIOR PLING DATE: 2002-05-16
PRIOR APPLICATION NUMBER: 60/328,056
PRIOR PLING DATE: 2002-05-16
PRIOR PLING DATE: 2002-05-16
PRIOR PAPLICATION NUMBER: 60/371,972
PRIOR PLING DATE: 2001-10-09
PRIOR PLING DATE: 2001-10-12
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                                                                                                                                                     Sequence 200, Application US/10262839
Publication No. US20040038877A1
GENERAL INFORMATION:
APPLICANT: Alsobrook, John,
APPLICANT: Boldog, Ferenc,
APPLICANT: Boldog, Ferenc,
APPLICANT: Burgess, Catherine,
APPLICANT: Burgess, Catherine,
APPLICANT: Bdinger, Shlomit,
APPLICANT: Bdinger, Shlomit,
APPLICANT: Gerlach, Valerie,
APPLICANT: Gerlach, Valerie,
APPLICANT: Gorman, Linda,
APPLICANT: Gorman, Linda,
APPLICANT: Gerlach, Valerie,
APPLICANT: Gerlach, Valerie,
APPLICANT: Gerlach, Valerie,
APPLICANT: Gerlach, Valerie,
APPLICANT: Lieach, Martin,
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Shimkets, Richard,
Smithson, Glennda,
Spytek, Kimberly,
Taupier, Raymond, jr.,
Vernet, Corine,
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SEQ ID NO 200
LENGTH: 1588
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Miller, Charles,
Patturajan, Meera,
Reiger, Daniel,
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Voss, Edward,
Zerhusen, Brian,
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Best Local Similarity 100.0
Matches 6; Conservative
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CRGANISM: Homo sapiens
US-10-262-839-200
                               1393 OMLETK 1398
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
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PRGAP

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Gaps
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                                                                                                                                                                                                                                                                                                                                           COMPUTER: IEM PC compatible
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/104,755
FILING DATE: 21-Mar-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICANT: Strieter, Robert M.
Polverini, Peter J.
Kunkel, Steven L.
TITLE OF INVENTION: CCC Chemokines as Regulators of
Anglogenesis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-231-417-416
Sequence 416, Application US/10231417
Publication No. USCO30176681A1
GENERAL INFORMATION:
TITLE OF INVERTION:
TITLE OF INVERTION:
TITLE OF INVERTION: 148 Human Secreted Proteins:
CURRENT APPLICATION NUMBER: US/10/231,417
CURRENT FILING DATE: 2002-08-30
PRIOR APPLICATION NUMBER: US/09/296,622
PRIOR FILING DATE: 1999-04-23
NUMBER OF SEQ ID NOS: 619
SOFTWARE: Patentin Ver. 2.0
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Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 5; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: UMIC:003/HYL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/09/213,383
FILING DATE: 09-Dec-1998
APPLICATION NUMBER: 08/468,819
                                                                                                                 NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
ADDRESSE: Arnold, White & Durkee
STREET: P.O. Box 4433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 20:
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TELEPHONE: 512/418-3000
                                                                                                                                                                                                                                                                           ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 512/474-7477
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEX: N/A INFORMATION FOR SEQ ID NO: 20:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
                                                                                                                                                                                                             CITY: Houston
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                        COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        11 LRCVC 15
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LENGTH: 28
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Sequence 1, Application US/10253118

Publication No. US20030138425A1

Publication No. US20030138425A1

GENERAL INFORMATION:

APPLICANT: Mather, Powell Jennie

TITLE OF INVENTION: CANCER-ASSOCIATED ANTIGEN CYTOKERATIN 8 AND METHODS OF USE THERE

TITLE OF INVENTION: CANCER-ASSOCIATED ANTIGEN CYTOKERATIN 8 AND METHODS OF USE THERE

TITLE OF INVENTION: UNMER: US/10/253,118

CURRENT APPLICATION NUMBER: US 60/323,844

PRIOR FILING DATE: 2001-09-21

PRIOR FILING DATE: 2002-09-04

NUMBER OF SEQ ID NOS: 8

SOFTWARE: FASELSEQ for Mindows Version 4.0
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                                        Sequence 583, Application US/09834765
; Patent No. US20020055478A1
; General Involvantion:
; APPLICANT: Mary Faris
; APPLICANT: Archur B. Raitano
; APPLICANT: Steve Chappell Mitchell
; APPLICANT: Steve Chappell Mitchell
; APPLICANT: Steve Chappell Mitchell
; APPLICANT: Aya Jakobovits
; TITLE OF INVENTION: GTP-BINDING PROTEIN USEFUL IN TREATMENT
; TITLE OF INVENTION: AND DETECTION OF CANCER
; TITLE OF INVENTION: AND DETECTION OF CANCER
; FILE REPERRENCE: 129 64USU1
; CURRENT APPLICATION NUMBER: US/09/834,765
; CURRENT PILING DATE: 2001-09-21
; PRIOR FILING DATE: 2000-04-12
; NUMBER OF SEQ ID NOS: 770
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 583
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100.0%; Pred. No. 98;
tive 0; Mismatches
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US-10-104-755-20
; Sequence 20, Application US/10104755
; Publication No. US20030031645A1
; GENERAL INFORMATION:
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Best Local Similarity 100.
Matches 5; Conservative
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US-09-834-765-583
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Homo Sapiens
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2 PRGAP 6
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LENGTH: 12
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Sequence 18675, Application US/10424599
Publication No. US20040031072A1
GENERAL INFORMATION:
APPLICAMY: La Rosa Thomas J
APPLICAMY: Kovalic David K
APPLICAMY: APPLICAMY: AVOIL David K
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53223)B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 186275
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US-10-424-599-186275
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100.0%; Pred. No. 3.1e+02;
tive 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity
Matches 5; Conserv
11 VCOML 15
                                10 VCOML 14
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; Sequence 120828, Application US/10437963
; Sequence 120828, Application US/10437963
; GENERAL INFORMATION:
    APPLICANT: La Rosa, Thomas J.
    APPLICANT: Cao, Yongwei
; APPLICANT: Cao, Yongwei
; APPLICANT: Barbazuk, Brad
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; TURBENT FILING DATE: 2003-05-14
; VURRENT APPLICATION NUMBER: US/10/437,963
; VURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 120828
                                                                                                                                                                                   Sequence 167866, Application US/10424599

Publication No. USZ004003107241

Publication No. USZ004003107241

GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: Zhou Yihua
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Mucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53223)B
CURRENT PILLORING DATE: US/10/424,599
CURRENT PILLOR DATE: 2003-04-28

NUMBER OF SEQ ID NOS: 285684
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DB 14; Lc._
no. 2.2e+02;
0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Clone ID: PAT_MRT3847_12259C.1.pep
US-10-424-599-167866
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_23912C.1.pep
US-10-437-963-120828
          Query Match 25.0%; Score 5; DB 1
Best Local Similarity 100.0%; Pred. No. 2.2
Matches 5; Conservative 0; Mismatches
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Best Local Similarity 100.
Matches 5; Conservative
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ORGANISM: Oryza sativa
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ORGANISM: Glycine max
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Best Local Similarity
Matches 5; Conserv
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LENGTH: 44
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| Sequence 502, Application US/09764860
| Patent No. US-0020094953A1
| Patent No. US-0020094953A1
| GENERAL INFORMATION:
| APPLICANT: Rosen et al.
| TILLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
| FILE REFERENCE: PCOORS
| CURRENT APPLICATION NUMBER: US/09/764,860
| CURRENT FILING DATE: 2001-01-17
| Prior application data removed - consult PALM or file wrapper NUMBER OF SEQ ID NOS: 1198
| SOFTWARE: PatentIn Ver. 2.0
| SEQ ID NO 502
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OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2.2

OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 4.6

OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.9

OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.7

OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.7

OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.7

OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.2e+02

OTHER INFORMATION: EST_HUMAN HIT: BF339300.1, EVALUE 4.00e+00
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      25.0%; Score 5; DB 9; Length 46; 100.0%; Pred. No. 3.2e+02; tive 0; Mismatches 0; Indels
PRIOR APPLICATION NUMBER: PCT/USO1/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00665
PRIOR APPLICATION NUMBER: PCT/USO1/00668
PRIOR APPLICATION NUMBER: PCT/USO1/00663
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2000-09-21
PRIOR PILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR PILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR PILING DATE: 2000-06-30
PRIOR PILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers: 1.1
LEWATH. 46
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Best Local Similarity 100.
Matches 5; Conservative
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ORGANISM: Homo sapiens
FEATURE:
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Matches 5; Conserv
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APPLICANT: Rank, David R.
APPLICANT: Banzen, Javid R.
APPLICANT: Banzen, Javid R.
APPLICANT: Harzen, Javid K.
APPLICANT: Harzen, Javid K.
APPLICANT: Harzen, Javid K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
TITLE OF INVENTION: GUBE EXPRESSION ANALYSIS BY MICROARRAY
TILLS REFERENCE: Acomica-X-1
CURRENT PAPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
PRIOR FILING DATE: 2000-02-04
PRIOR FILING DATE: 2000-05-26
PRIOR PLICATION NUMBER: US 60/23,366
PRIOR FILING DATE: 2000-010-04
PRIOR FILING DATE: 2000-010-04
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2001-01-04
PRIOR PRIOR PRICATION NUMBER: PCT/US01/00666
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COTHER INFORMATION: MAP TO ACO07688.15

COTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.3

COTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.5

COTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.0

COTHER INFORMATION: EXPRESSED IN HEBLIO, SIGNAL = 1.1

COTHER INFORMATION: EXPRESSED IN HEBLIO, SIGNAL = 1.2

COTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.2

COTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.2

COTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.3

COTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.3

COTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.1

COTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.1

COTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.1

COTHER INFORMATION: EST_HUMAN HIT: R77154.1, EVALUE 1.00e-08

US-09-864-761-35124
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                              PRIOR PRILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/USO1/00662

PRIOR APPLICATION NUMBER: PCT/USO1/00662

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2000-09-21

PRIOR FILING DATE: 2000-06-30

PRIOR FILING DATE: 2001-01-29

NUMBER: OF SEQ ID NOS: 49117

SOFTWARE: Annomax Sequence Listing Engine vers: 1.1

SEQ ID NO 35124

LENGTH: 46
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                    APPLICATION NUMBER: PCT/US01/00663
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Patent No. US20020048763A1
GENERAL INFORMATION:
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Best Local Similarity 100.
Matches 5, Conservative
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   20 RGAPM 24
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ò ద FILING DATE: 2000-09-29 APPLICATION NUMBER: 60/251,856

APPLICATION NUMBER: 60/251,868 FILING DATE: 2000-12-08 APPLICATION NUMBER: 60/229,344

FILING DATE:

FILING DATE: 2000-09-01 APPLICATION NUMBER: 60/234,997 FILING DATE: 2000-09-25

APPLICATION NUMBER: 60/229,343 APPLICATION NUMBER: 60/229,345

FILING DATE: 2000-09-01

APPLICATION NUMBER: 60/236,368

FILING DATE: 2000-09-01
APPLICATION NUMBER: 60/229,287
FILING DATE: 2000-09-01
APPLICATION NUMBER: 60/229,513
FILING DATE: 2000-09-05

APPLICATION NUMBER: 60/231,413 FILING DATE: 2000-09-08 APPLICATION NUMBER: 60/229,509

FILING DATE: 2000-09-05 APPLICATION NUMBER: 60/236,367 APPLICATION NUMBER: 60/237,039

2000-09-29

FILING DATE:

FILING DATE: 2000-10-02 APPLICATION NUMBER: 60/237,038

FILING DATE: 2000-09-29
APPLICATION NUMBER: 60/236,802

APPLICATION NUMBER: 60/237,037 APPLICATION NUMBER: 60/237,040 FILING DATE: 2000-10-02 APPLICATION NUMBER: 60/240,960 APPLICATION NUMBER: 60/239,935 APPLICATION NUMBER: 60/239,937 FILING DATE: 2000-10-13 APPLICATION NUMBER: 60/241,787

2000-10-20

FILING DATE:

PRIOR PRIOR

FILING DATE: 2000-10-13

FILING DATE: 2000-10-02 FILING DATE: 2000-10-02

APPLICATION NUMBER: 60/236,370

FILING DATE: 2000-10-02

FILING DATE: 2000-10-20
APPLICATION NUMBER: 60/246,474
FILING DATE: 2000-11-08
APPLICATION NUMBER: 60/246,532
FILING DATE: 2000-11-08

APPLICATION NUMBER: 60/249,216 FILING DATE: 2000-11-17 APPLICATION NUMBER: 60/249,210 FILING DATE: 2000-11-17 APPLICATION NUMBER: 60/226,681 FILING DATE: 2000-08-22 APPLICATION NUMBER: 60/225,759 FILING DATE: 2000-08-14
APPLICATION NUMBER: 60/225,213 60/227,182

APPLICATION NUMBER: APPLICATION NUMBER:

2000-08-14 2000-08-22

FILING DATE: FILING DATE: FILING DATE: 2000-08-14 APPLICATION NUMBER: 60/235,836 FILING DATE: 2000-09-27 APPLICATION NUMBER: 60/230,438 FILING DATE: 2000-09-06 APPLICATION NUMBER: 60/215,135 APPLICATION NUMBER: 60/249,218 FILING DATE: 2000-11-17 APPLICATION NUMBER: 60/249,208

PLICATION NUMBER: 60/225,266

FILING DATE: 2000-08-14

000-06-30

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FILING DATE: 2000-11-01
APPLICATION NUMBER: 60/225,268
                                                                                            FILING DATE: 2000-08-14
US-10-074-095-502
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Gaps

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Length 46;

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TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies FILE REFERENCE: PCO08C2 CURRENT APPLICATION NUMBER: US/10/212,872 CURRENT FILING DATE: 2002-08-07 Prior application removed - See File Wrapper or Palm NUMBER OF SEQ ID NOS: 1198
                                                                                                                                                                                                                                                                                                                                                                   25.0%; Score 5; DB 14; L6 100.0%; Pred. No. 3.2e+02; ative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 161908, Application US/10437963
Publication No. US20040123343A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Buckharov, Andrey A.
APPLICANT: Barbazuk, Brad
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Best Local Similarity luv.
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ORGANISM: Oryza sativa
                                                                                                                                                                                                                                  ; LENGTH: 46
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-212-872-502
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Best Local Similarity
Matches 5; Conserv
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                         PRIOR APPLICATION NUMBER: 60/249, 213
PRIOR FILING DATE: 2000-11-17
PRIOR PELING DATE: 2000-11-17
PRIOR PELING DATE: 2000-11-17
PRIOR PELING DATE: 2000-11-17
PRIOR PELING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249, 245
PRIOR PELING DATE: 2000-11-17
PRIOR PELING DATE: 2000-09-08
PRIOR PELING DATE: 2000-09-14
PRIOR PELING DATE: 2000-09-09
PRIOR PELING DATE: 2000-09-09
PRIOR PELING DATE: 2000-09-09
PRIOR PELING DATE: 2000-10-20
PRIOR PELING DATE: 2
           FILING DATE: 2000-11-17
APPLICATION NUMBER: 60/249,213
FILING DATE: 2000-11-17
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APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 161908
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Penn, Sharron G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR FILE DE INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
FILE REFERENCE: Acomica-X-1
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US-10-437-963-161908
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CURRENT FILING DATE: 2011-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
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2.09-864-761-38656

; Sequence 38656, Application US/09864761

; Patent No. US20020048763A1
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Gaps

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Length 46; Indels

Query Match 25.0%; Score 5; DB 14; Le Best Local Similarity 100.0%; Pred. No. 3.2e+02; Matches 5; Conservative 0; Mismatches 0;

Sequence 502, Application US/10212872 Publication No. US20030215893A1 PERERAL INFORMATION: APPLICANT: Rosen et al.

US-10-212-872-502

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APPLICANT: Li, Fing
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21 (53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT APPLICATION OF SEQ ID NOS: 204966
SEQ ID NOS: 204966
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CURRENT APPLICATION NUMBER: US/10/387,346B
CURRENT FILING DATE: 2003-03-12
PRIOR APPLICATION NUMBER: 10/340,861
PRIOR APPLICATION NUMBER: 10/340,861
PRIOR PILING DATE: 2002-11-13
PRIOR PILING DATE: 2002-01-12
PRIOR APPLICATION NUMBER: 60/363,684
PRIOR FILING DATE: 2002-03-12
PRIOR PILING DATE: 2002-03-12
PRIOR PILING DATE: 2002-01-11
PRIOR FILING DATE: 2002-01-11
PRIOR FILING DATE: 2002-01-11
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US-10-437-963-202542
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Pred. No. 3.2e+02;
0; Mismatches 0;
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 94
LENGTH: 50
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Publication No. US20040123343A1

GENERAL INFORMATION:

APPLICANT: La Rosa, Thomas J.

APPLICANT: Kovalic, David K.

APPLICANT: Zoo, Yima

APPLICANT: Cao, Yongwei

APPLICANT: Wu, Wei
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; Sequence 94, Application US/10387346B

; Publication No. US20040117869A1

; GENERAL INFORMATION:
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100.0%; Pre
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     Barbazuk, Brad
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Best Local Similarity
Thes 5; Conserve
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Best Local Similarity
Matches 5; Conserv
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MLETK 9
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                                                                                                                                                                                                                                                      LENGTH: 47
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     APPLICANT:
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EXPRESSED IN LUNG, SIGNAL = 1.5
EXPRESSED IN FETAL LIVER, SIGNAL = 1.2
EXPRESSED IN RETAL LIVER, SIGNAL = 1.3
EXPRESSED IN BONE MARROW, SIGNAL = 1.3
EXPRESSED IN ADULT LIVER, SIGNAL = 1.2
EXPRESSED IN HEART, SIGNAL = 1.2
EXPRESSED IN HEART, SIGNAL = 1.4
EXTREMAN HIT: BF241410.1, EVALUE 6.00e-01
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           PRIOR FILLING DATE: 2000-05-06
PRIOR FILLING DATE: 2000-05-06
PRIOR FILLING DATE: 2000-05-06
PRIOR FILLING DATE: 2000-08-03
PRIOR FILLING DATE: 2000-08-03
PRIOR FILLING DATE: 2000-08-03
PRIOR FILLING DATE: 2000-09-05
PRIOR PELING DATE: 2000-09-27
PRIOR PELING DATE: 2000-09-27
PRIOR PELING DATE: 2001-01-30
PRIOR PELING DATE: 2001-01-30
PRIOR PELING DATE: 2001-01-30
PRIOR PELING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00669
PRIOR PELING DATE: 2001-01-30
PRIOR PELING DATE:
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100.0%; Pred. No. 3.2
ive 0; Mismatches
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US-10-437-963-202542
| Sequence 202542, Application US/10437963
| Publication No. US20040123343A1
| GENERAL INFORMATION:
| APPLICANT: LA ROSA, Thomas J.
| APPLICANT: Rovalic, David K.
| APPLICANT: Cao, Yihua
| APPLICANT: Cao, Yongwei
| APPLICANT: Mu, Wei
| APPLICANT: Buckharov, Andrey A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MAP TO AC006024.1
FILING DATE: 2000-02-04
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ORGANISM: Homo sapiens
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Best Local Similarity
Matches 5; Conserv
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APPLICANT: La Rosa Thomas J
APPLICANT: Kovalic David K
APPLICANT: Kovalic David K
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFREENCE: 38-21(5323)8
CURRENT APPLICATION NUMBER: 3003-04-28
NUMBER OF SEQ ID NOS: 285684
                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Kovalic David K
APPLICANT: Kovalic David K
APPLICANT: Zhou Yihua
APPLICANT: Zhou Yihua
APPLICANT: Zhou Yihua
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: 2003-04-28
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT PILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 275966
LENGTH: 51
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                                                                                                                        Length 51;
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US-10-424-599-275966
                                        CTHER INFORMATION: Clone ID: PAT_MRT3847_8332C.1.pep US-10-424-599-267231
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                                                                                                                   25.0%; Score 5; DB 15; Li
100.0%; Pred. No. 3.5e+02;
trive 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                      Sequence 275966, Application US/10424599
Publication No. US20040031072A1
GENERAL INFORMATION:
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Best Local Similarity 100.
Matches 5; Conservative
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Best Local Similarity 100.
Matches 5; Conservative
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ORGANISM: Glycine max
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     ORGANISM: Glycine max
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US-10-424-599-267231, Application US/10424599
Sequence 267231, Application US/10424599
Publication No. US20040031072A1
Sequence 267231, Application No. US20040031072A1
Sequence 267231, Application No. US20040031072A1
Septiment of INFORMATION:
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 267231
INCREMENT NUMBER OF SEQ ID NOS: 285684
APPLICANT: Boukharov, Andrey A.
APPLICANT: Barbazuk, Brad
APPLICANT: Li, Ping
APPLICANT: Li, Ping
TITLE ON INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 34-21(53221)8
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 204604
LENGTH: 50
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Sublication No. US20040162420A1

GENERAL INFORMATION:

APPLICANT: Profigen Inc.

TILE OF INVENTION:

CURRENT APPLICATION NUMBER: US/10/686,947

CURRENT FILING DATE: 2003-10-16

PRIOR FILING DATE: 2003-03-12

NUMBER OF SEQ ID NOS: 298

SOFTWARE: Patentin version 3.2

SEQ ID NO 94

LENGTH: 50
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US-10-437-963-204604
                                                                                                                                                                                                                                                                                                                                                                                                                 25.0%; Score 5; DB 16; Lv 100.0%; Pred. No. 3.4e+02; tive 0; Mismatches 0;
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Best Local Similarity 100...
S; Conservative
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Matches 5; Conservative
                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Oryza sativa
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Jacob Control of the 
                                                             Sequence 262031, Application US/10424599;
Publication No. US20040031072A1
GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: La Rosa Thomas J
APPLICANT: About X in a Rosa Thomas J
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
FILE REFERENCE: 38-21 (53233) B
CURRENT APPLICANT: APPLICATION NUMBER: US/10/424,599
CURRENT APPLICATION NUMBER: US/10/424,599
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 262093
LENGTH: 56
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Clone ID: PAT_MRT3847_78692C.1.pep US-10-424-599-262093
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100.0%; Pred. No. 3.7e+02;
ative 0; Mismatches 0;
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; APPLICANT: Kovalic David K
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
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US-09-867-550-1954
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT ORGANISM: Glycine max
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Best Local Similarity
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Best Local Similarity
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                                             US-10-424-599-262093
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                                                                                                                                                                                                      Sequence 177624, Application US/10424599
Publication No. US20040031072A1
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: APPLICANT: Chou Yihua
APPLICANT: Cao Yongwin
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
CURRENT APPLICANTON NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 177624
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APPLICANT: AKATSUKA, Hiroyuki

APPLICANT: AKATSUKA, Hiroyuki

APPLICANT: AKATSUKA, Hiroyuki

APPLICANT: AKATSUKA, Hiroyuki

APPLICANT: ANAKA, No. US20030044825Aliyuki

APPLICANT: SAKUKAI, No. US20030044825Aliyuki

APPLICANT: SAKUKAI, No. WE CONSTRUMENT: SAKUKAI, No. US20030044825Aliyuki

APPLICANT: SAKUKAI, No. US20030044825Aliyuki

APPLICANT: SAKUKAI, No. US20030044825Aliyuki

FILE REFERENCE: 0283-0163P

CURRENT FILING DATE: 2002-05-22

PRIOR FILING DATE: 2001-05-22

PRIOR FILING DATE: 2001-05-23

PRIOR FILING DATE: 2000-05-23

NUMBER OF SEQ ID NOS: 16

SOFTWARE: PatentIn version 3.1

SERVICE AND SEG ID NOS: 16

SOFTWARE: FALCON SEG ID NOS: 16
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; OTHER INFORMATION: Clone ID: PAT_MRT3847_13140C.1.pep
US-10-424-599-177624
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US-10-152-031-13
Sequence 13, Application US/10152031
Publication No. US20030044825A1
GENERAL INFORMATION:
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Best Local Similarity 100.
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Best Local Similarity 100.
Matches 5; Conservative
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US-10-152-031-13
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ORGANISM: Glycine max
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   LRCVC 12
                                                             34 LRCVC 38
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RGAPM 8
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APPLICANT: Penn, Sharron G.
APPLICANT: Penn, Sharron G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David R.
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR GITTLE OF INVENTION: EXPRESSION ANALYSIS TWO
TITLE OF INVENTION: EXPRESSION ANALYSIS TWO
FILE REPERBENCE: ADGMICA-X-2
CURRENT APPLICATION NUMBER: US/10/029,386
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 34288
SOFTWARES Annomax Sequence Listing Engine vers: 1.1
SEQ ID NO 32143
LENGTH: 63
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APPLICANT: Ex Rosa Thomas J
APPLICANT: Abou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53223)8
FILE REFERENCE: 38-21(53223)8
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 239535
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100.0%; Pred. No. 4e+02;
Live 0; Mismatches 0
                                                                                                                                                CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
LENGTH: 61
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Best Local Similarity 100.0
Then 5; Conservative
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Best Local Similarity 100.
Matches 5; Conservative
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ORGANISM: Homo sapiens
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ORGANISM: Glycine max
                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Glycine max
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US-10-424-599-239535
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US-10-029-386-32143
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APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REPERENCE: 38-21 (53223) B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NOS: 285684
TYPE
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APPLICANT: La Rosa Thomas J
APPLICANT: Show Yihus
APPLICANT: Zhou Yihus
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REPERENCE: 38-21 (53223)
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 205956
LENGTH: 60
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APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53223)B
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US-10-424-599-205956
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LOCATION: (1)..(58)
OTHER INFORMATION: unsure at all Xaa locations
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100.0%; Pred. No. ...
... 0; Mismatches
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; Publication No. US20040031072A1
; GENERAL INFORMATION:
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APPLICANT: Kovalic David K
APPLICANT: Zhou Yihua
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Best Local Similarity 100.
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Glycine max FEATURE:
NAME/KEY: unsure
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; Sequence 1576, Application US/09867550
; Patent No. US2020082206A1
; General No. US2020082206A1
; General No. US2020082206A1
; General No. US2020082206A1
; APPLICANT: Leach, Martin D.
; APPLICANT: Mehraban, Fuad,
; APPLICANT: Conley, Pamela
; APPLICANT: Topper, James
; TITLE OF INVENTION: Thereby
; TITLE OF INVENTION: Thereby
; TITLE OF INVENTION: Thereby
; FILE REFERENCE: 21402-013 (Cura-313)
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: USSN 60/208,427
; PRIOR APPLICATION NUMBER: USSN 60/208,427
; NUMBER OF SEQ ID NOS: 2125
; NUMBER OF SEQ ID NOS: 2125
; SOFTWARE: FREASEQ for Windows Version 4.0
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; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Exouration David K
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Ass.
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)
; CURRENT APPLICATION NUMBER: US/10/424,599
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 155428
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                                                OTHER INFORMATION: Clone ID: PAT_MRT3847_32506C.1.pep
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; OTHER INFORMATION: Clone ID: PAT_MRT3847_11046C.1.pep
US-10-424-599-154428
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100.0%; Pred. No. ...
0; Mismatches
                                                                                                                                    Query Match
Best Local Similarity 100.
Matches 5; Conservative
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Best Local Similarity 100.
Matches 5; Conservative
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Matches 5; Conservative
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                                                      ; US-10-424-599-210941
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US-09-867-550-1576
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LENGTH: 67
                FEATURE:
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Publication No. US20040031072A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: ADAU Yihua
APPLICANT: APOUNTION: Soy Nucleic Acid Molecules and Other Molecules Associated With TILE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53223)
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
LENGTH: 64
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Publication No. US20040031072A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: APPLICANT: APPLICANT: Cavalic David K
APPLICANT: Cavalic 
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; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.8
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 0.8
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 4.5
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.7
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 2.1
; OTHER INFORMATION: EXPRESSED IN PLACEWIA, SIGNAL = 2.1
; OTHER INFORMATION: SAFRESSED IN PLACEWIA, SIGNAL = 1.9
US-10-029-386-32143
                                                                                                                                                                                                                                                                                              Length 63;
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US-10-424-599-282344
                                                                                                                                                                                                                                                                                     25.0%; Score 5; DB 14; Le 100.0%; Pred. No. 4.1e+02; vative 0; Mismatches 0;
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LOCATION: (1)..(66)
OTHER INFORMATION: unsure at all Xaa locations
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Best Local Similarity luv...
5; Conservative
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Best Local Similarity 100.
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LENGTH: 66
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APPLICANT: Cafferkey, Robert
APPLICANT: Cafferkey, Robert
APPLICANT: Ali, Shujath
APPLICANT: Ali, Shujath
APPLICANT: Usu, Yongming
TITLE OF INVENTION: Compositions and Methods Relating to Prostate Specific Genes and I
TITLE OF INVENTION: Compositions and Methods Relating to Prostate Specific Genes and I
TITLE OF INVENTION: Compositions and Methods Relating to Prostate Specific Genes and I
TITLE OF INVENTION: Compositions and Methods Relating to Prostate Specific Genes and I
TITLE OF INVENTION NUMBER: 60/252,188
PRIOR PAPLICATION NUMBER: 60/252,188
PRIOR FILING DATE: 2000-11-21
NUMBER OF SEQ ID NOS: 201
SEQ ID NOS: 201
SEQ ID NO 175
LENGTH: 72
TYPF.
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APPLICANT: Kovalic David K
APPLICANT: Kovalic David K
APPLICANT: Show Yihua
APPLICANT: Can Vongwei
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53223) B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 221140
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; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.1
). OTHER INFORMATION: EST HUMAN HIT: BE314635.1, EVALUE 5.00e-09
; OTHER INFORMATION: EST_HUMAN HIT: AU139120.1, EVALUE 1.00e-15
US-09-864-761-34034
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            25.0%; Score 5; DB 13; Length 72; 100.0%; Pred. No. 4.5e+02; ive 0; Mismatches 0; Indels
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US-10-424-599-221140
                                                                                                                                Query Match 25.0%; Score 5; DB 5
Best Local Similarity 100.0%; Pred. No. 4.5
Matches 5; Conservative 0; Mismatches
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Best Local Similarity 100.
Matches 5; Conservative
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ORGANISM: Glycine max
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US-09-864-761-34034

Sequence 34034, Application US/09864761

Sequence 34034, Application US/09864761

Sequence 34034, Application US/09864761

Settle No. US20020048763A1

Settle No. US20020048763A1

Settle No. US20020048763A1

APPLICANT: Penn, David R.

APPLICANT: Rank, David R.

APPLICANT: Chen, Wensheng

TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY

TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY

FILE REFERENCE: Acomica-X-1

CURRENT APPLICATION NUMBER: US/09/864,761

CURRENT FILING DATE: 2001-05-23
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N: EXPRESSED IN LING, SIGNAL = 3.1

N: EXPRESSED IN ADULT LIVER, SIGNAL = 1

N: EXPRESSED IN HOUST LIVER, SIGNAL = 2.1

N: EXPRESSED IN HELA, SIGNAL = 1.8

N: EXPRESSED IN HELA, SIGNAL = 1.5

N: EXPRESSED IN HELA, SIGNAL = 1.5

N: EXPRESSED IN BRAIN, SIGNAL = 1.1

N: EXPRESSED IN BRAIN, SIGNAL = 1.1

N: EXPRESSED IN BRAIN, SIGNAL = 0.87
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PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SEQ ID NO 34034
LENGTH: 72
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT FILING DATE: 2011-05-23

PRIOR APPLICATION NUMBER: US 60/180,312

PRIOR FILING DATE: 2000-02-04

PRIOR PELING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: US 69/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR PELING DATE: 2000-05-26

PRIOR FILING DATE: 2000-06-39

PRIOR FILING DATE: 2000-09-03

PRIOR FILING DATE: 2000-09-07

PRIOR PILING DATE: 2000-09-27

PRIOR PILING DATE: 2000-09-27

PRIOR PILING DATE: 2000-09-27

PRIOR PILING DATE: 2001-09-09-27

PRIOR PILING DATE: 2001-09-09-27

PRIOR FILING DATE: 2001-09-27

PRIOR FILING DATE: 2001-09-27

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: PCT/USO1/00662
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PLING DATE: 2001-01-30
PRIOR PLING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2000-09-21
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/234,687
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
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APPLICATION NUMBER: PCT/US01/00664
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PRIOR APPLICATION NUMBER: PCT/US01/00669
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APPLICATION NUMBER: PCT/US01/00665
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OTHER INFORMATION: MAP TO AB023057.1
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ORGANISM: Homo sapiens
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                                   LETKF 19
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Sequence 90, Application US/09792793A

Patent No. US20020168370A1

GENERAL INFORMATION.

APPLICANT: McDonald, John R.

APPLICANT: Coggins, Philip

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING SECONDARY TISSUE DAMAGE AND TITLE OF INVENTION: OTHER INFLAMMATORY CONDITIONS AND DISORDERS

FILE REFERENCE: 25020-601D

TITLE OF INVENTION: UNMBER: US/09/792,793A

CURRENT APPLICATION UNMBER: US/09/792,793A

CURRENT PILING DATE: 2001-02-22

NUMBER OF SEQ ID NOS: 93

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 90

LENGTH: 78
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TITLE OF INVENTION: Identification and Use of Cytochrome
TITLE OF INVENTION: Dentification and Use of Cytochrome
TITLE OF INVENTION: P450 Nucleic Acid Sequences form Tobacco
FILE SEPRENCE: 78406
CURRENT APPLICATION NUMBER: US/10/340,861B
CURRENT APPLICATION NUMBER: 10/293,252
PRIOR APPLICATION NUMBER: 60/363,684
PRIOR FILING DATE: 2002-03-12
PRIOR APPLICATION NUMBER: 60/347,444
PRIOR PILING DATE: 2002-01-11
PRIOR FILING DATE: 2002-01-11
PRIOR FILING DATE: 2002-01-11
PRIOR FILING DATE: 2002-01-11
NUMBER OF SEQ ID NOS: 184

NUMBER PRIOR FILING DATE: 2001-11-13
SOFTWARE FASESO for Windows Version 3.0
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No. 4.7e+02;
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100.0%; Pred. No. 4.7
:ive 0; Mismatches
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; Sequence 102, Application US/10340861B
; Publication No. US20040111759A1
; GRNERAL INFORMATION:
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AUTHORS: Clark-Lewis et. al.,
JOURNAL: J. Leukoc. Biol.
VOLUME: 57
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Best Local Similarity 100.
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Best Local Similarity luv...
For 5, Conservative
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Nicotiana
                    MLETK 18
                                                                  31 MLETK 35
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; DATE: 1995
US-09-792-793A-90
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LENGTH: 76
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APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Zhou, Yihua
APPLICANT: Gao, Yongwei
APPLICANT: Www. Wei
APPLICANT: Burkharov, Andrey A.
APPLICANT: Burkharov, Andrey A.
APPLICANT: Li, Ping
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION NUMBER: US/10/437,963
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 102863
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## TITLE OF INVENTION: Identification and Use of Cytochrome
## TITLE OF INVENTION: P450 Nucleic Acid Sequences from Tobacco
## TITLE OF INVENTION: P450 Nucleic Acid Sequences from Tobacco
## TITLE OF INVENTION: P450 Nucleic Acid Sequences from Tobacco
## CURRENT FILING DATE: 2002-11-13
## PRIOR FILING DATE: 2002-03-12
## PRIOR FILING DATE: 2002-03-12
## PRIOR FILING DATE: 2002-03-12
## PRIOR FILING DATE: 2001-11-13
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                                        Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: Clone ID: PAT_MRT4530_100348C.1.pep
US-10-437-963-102863
      Pred. No. 4.5e+02;
                                        0; Mismatches
                                                                                                                                                                                                                                                                                                                             Sequence 102863, Application US/10437963
Publication No. US20040123343A1
GENERAL INFORMATION:
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Sequence 102, Application US/10293252C
Publication No. US20040103449A1
GENERAL INFORMATION:
   100.08;
                                        5; Conservative
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ORGANISM: Oryza sativa
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Best Local Similarity
Matches 5; Conserv
Best Local Similarity
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                                                                                                    7 WLRCV 11
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APPLICANT: Li, Fing
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REPERENCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 167155
LENGTH: 78
                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53221)8
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
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US-10-437-963-167155
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Clone ID: PAT_MRT4530_36855C.1.pep
US-10-437-963-135152
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ilarity 100.0%; Pred. No. 4.8e+02;
Conservative 0; Mismatches 0;
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Publication No. US20040123343A1
GENERAL INCOMMUTION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Cao, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Barbazuk, Brad
                                                                                                         Sequence 135152, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Xovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
                                                                                                                                                                                                                                                                                                       Boukharov, Andrey A.
Barbazuk, Brad
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
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5; Conservative
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ORGANISM: Oryza sativa
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ORGANISM: Oryza sativa
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Best Local Similarity
Matches 5; Conserv
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11 LRCVC 15
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                                                                  RESULT 70
US-10-437-963-135152
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LENGTH: 78
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Publication No. US20030215421A1

GENERAL INFORMATION:

APPLICANT: McDonald, John R.

APPLICANT: Coggins, Philip

TITLE OF INVENTION: MCTHORS AND COMPOSITIONS FOR TREATING SECONDARY TISSUE DAMAGE AND TITLE OF INVENTION: OTHER INFLAMMATORY CONDITIONS AND DISORDERS

TITLE OF INVENTION: OTHER INFLAMMATORY CONDITIONS AND DISORDERS

TITLE OF INVENTION: 07HER INFLAMMATORY CONDITIONS AND DISORDERS

CURRENT APPLICATION NUMBER: US/10/375,209A

CURRENT FILING DATE: 2003-02-24

NUMBER OF SEQ ID NOS: 93

SOFTWARE: PATENTIN VET: 2.0

SEQ ID NO 90

LENGTH: 78
                                                                                                                                                 Sequence 5972, Application US/09864408A

Publication No. US20040009474A1

REMERAL INFORMATION:
APPLICANT: Leach, Martin D.
APPLICANT: Shimkers, Richard A.
TITLE OF INVENTION: NO. US20040009474A1e1 Human Polymucleotides and Polypeptides Ence FILE REFERENCE: 21402-012
CURRENT APPLICATION NUMBER: US/09/864,408A

CURRENT FILING DATE: 2001-05-24
PRIOR APPLICATION NUMBER: 60/206,690
PRIOR APPLICATION NUMBER: 60/206,690
PRIOR FILING DATE: 2000-05-24
PRIOR FILING DATE: 2000-05-24
PRIOR FILING DATE: 2000-05-24
PRIOR SEQ ID NOS: 9068
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 5972
LENGTH: 78
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NAME/KEX: misc feature

LOCATION: (57) __ (57)

OTHER INFORMATION: Wherein Xaa may be any naturally occuring amino acid
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OTHER INFORMATION: Human Chemokine Polypepetide: ENA-78
PUBLICATION INFORMATION:
AUTHORS: Clark-Lewis et. al.,
JOURNAL: J. Leukoc. Biol.
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Best Local Similarity 100.
Matches 5; Conservative
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ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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  LRCVC 12
                                            11 LRCVC 15
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PAGES: 703-711
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APPLICANT: LA ROSA, Thomas J.
APPLICANT: LA ROSA, Thomas J.
APPLICANT: LA ROSA, Thina
APPLICANT: Zhou, Yihua
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Boucharov, Andrey A.
APPLICANT: Broucharov, Andrey A.
APPLICANT: Broucharov, Andrey A.
APPLICANT: Li, Ping
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53221) B
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 105389
LENGTH: 80
                                                             APPLICANT: ELIGIBAL, ABBOOLT AND METHODS FOR DIAGNOSING TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING TITLE OF INVENTION: COMPOSITIONS, DISORDERS, OR DISEASES INVOLVING TITLE OF INVENTION: CELL DEATH CONDITIONS, DISORDERS, OR DISEASES INVOLVING TITLE OF INVENTION: CELL DEATH CONDITIONS, DISORDERS, OR DISEASES INVOLVING TITLE OF INVENTION OF SEATON NUMBER: US/09/922,261

CURRENT FILING DATE: 2001-08-03

PRIOR FILING DATE: 199-12-14

NUMBER OF SEQ ID NOS: 466

SOFTWARE: FRASESQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Clone ID: PAT_MRT4530_102638C.1.pep
US-10-437-963-105389
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 5; DB 16; L
Pred. No. 4.9e+02;
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100.0%; Pred. No. ...
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; Sequence 105389, Application US/10437963; Publication No. US20040123343A1; GENERAL INFORMATION:
Thomas, Mary Beth
Portbury, Stuart D.
Puranam, Kasturi
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Matches 5; Conservative
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54 PRGAP 58
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                                                                                                                                                                                                                                                                                                                               SEQ ID NO 464
LENGTH: 80
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Publication No. US20040031072A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: Coa Vanic
APPLICANT: Coa Vanic
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE SEPRENCE: 38-21(53233)B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684

SEQ ID NO 149863
LENGTH: 79
                                                                                                                               APPLICANT: La Rosa Thomas J
APPLICANT: La Rosa Thomas J
APPLICANT: La Rovalic David K
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REPRESENCE: 38-21(53223)8
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT APPLICATION DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
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US-10-424-599-149863
                                                               Sequence 144203, Application US/10424599
Publication No. US20040031072A1
GENERAL INFORMATION:
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Best Local Similarity 100.
Matches 5; Conservative
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43 PRGAP 47
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LENGTH: 79
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US-09-922-261-464
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11951, A 50120, A 50120, A 51867, A 51867, A 51867, A 51867, A 51867, A 51976, A 51107, A 51107, A 51107, A 51100, A 51100, A 61101, A 61101, A 61101, A

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Sequence 8944, Ap
Sequence 41955, A
Sequence 23067, A
Sequence 15, Appl
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24632, A
3074, Ap
4851, Ap
15, Appl
36912, A
52129, A
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41916, A
24182, A
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                                ; Search time 22.25 Seconds (without alignments) 59.612 Million cell updates/sec
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// cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
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     GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-07-778-413E-4
US-08-340-102-4
US-08-346-102-4
US-09-248-796A-24632
US-09-134-001C-4851
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US-09-270-76-36912
US-09-270-76-52129
US-07-778-413E-12
US-09-340-102-12
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US-09-461-697-464
US-09-270-767-41916
US-09-252-991A-24182
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-09-248-796A-23067
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US-08-642-255-15
US-08-468-819-20
US-09-213-383-20
US-08-311-3078-11
US-07-778-413E-3
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                       - protein search, using sw model
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385, App 3778, Ap 60336, A 12, Appl

Sequence 3 Sequence 3 Sequence 3 Sequence 6

Appl 3304,

Sequence

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Sequence Sequence Sequence

4165, Ap 28343, Ap 2751847, Ap 21547, Ap 6699, Ap 39555, A 10482, Ap 1482, Ap 27676, A 27676, A 25496, A 25496, A 25496, A 25370, A 14594, A 16974, A

Sequence Sequence Sequence Sequence

Sequence

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Sequence

20554, A 2, Appli 36276, A 51493, A 8, Appli

19344,

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Gaps
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US-07-972-032-15
Sequence 15, Application US/07972032
Patent No. 5496712
GENERAL INFORMATION:
APPLICANT: Cappello, Joseph
APPLICANT: Franco A.
TITLE OF INVENTION: HIGH MOLECULAR WEIGHT COLLAGEN-LIKE
TITLE OF INVENTION: PROTEIN POLYMERS
                                                                                                                                                                                                                                                               0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: San Francisco
STATE: California
COUNTRY: USA
ZIP: CA 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA: APPLICATION NUMBER: US/07/972,032
PILING DATE: 12-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: ROWLAND BET 12-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: ROWLAND BET 20,015
REFERENCE/DOCKET NUMBER: 20,015
                                                                                                                                                                                                                    30.0%; Score 6; DB 4, 100.0%; Pred. No. 33; ative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bertram I. Rowland
STREET: 4 Embarcadero Center, Suite 3400
                         60/096,409
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
PRIOR FILING DATE: 1998-02-13
PRIOR APPLICATION NUMBER: US 60,
PRIOR FILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
LENGTH: 394
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (415) 398-3249
INFORMATION FOR SEQ ID NO: 15:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (415) 781-1989
                                                                                                                                  TYPE: PRT ORGANISM: Candida albicans
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
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Matches 5; Conservative
                                                                                                                                                                                                                                                                 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     San Francisco
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Best Local Similarity
                                                                                                                                                                                                                                                                                                          15 LETKFL 20
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                                                                                                                                                                             US-09-248-796A-23067
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APPLICANT: KELT WEINSTOCK et al
APPLICANT: KELT WEINSTOCK et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.132
CURRENT APPLICATION NUMBER: US/09/248,796A
PRIOR APPLICATION NUMBER: US 60/074,725
                                                                                                                               Sequence 8944, Application US/09489039A

Sequence 8844, Application US/09489039A

Sequence 8844, Application US/09489039A

Sequence 8646, Application US/09489039A

GENERAL INFORMATION:
TITLE GATY BITCATION:
TITLE OF INVENTION:
FILE REFERENCE: 2709,2004001

CURRENT APPLICATION NUMBER: US/09/489,039A

CURRENT APPLICATION NUMBER: US/09/489,039A

CURRENT FILING DATE: 1999-01-29

NUMBER OF SEQ ID NOS: 14342

SEQ ID NOS: 14342
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Patent No. 6703491

GENERAL INFORMATION:
APPLICANT: Homburse et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERENCE: File Reference: 7326-094
CURRENT ALPLION NUMBER: US/09/270,767
CURRENT ALPLION DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver, 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
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100.0%; Pred. No. 17;
tive 0; Mismatches
                                                  ALIGNMENTS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; ORGANISM: Drosophila melanogaster
US-09-270-767-41955
                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Klebsiella pneumoniae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 6; Conservative
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Best Local Similarity
Matches 6; Conserv
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US-09-248-796A-23067
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LENGTH: 173
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0; Indels
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/213,383
FILING DATE: 09-Dec-1998
CLASSIFICATION: <UNHOWN>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Strieter, Robert M.
Polverini, Peter J.
Kunkel, Steven L.
TITLE OF INVENTION: CXC Chemokines as Regulators of
    PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORING DATE: 08/468,819
FILING DATE: cUnknown>
ATTORNEY/AGENT INFORMATION:
NAME: Highlander, Steven L.
RECISTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: UMIC:003/HYL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 2;
                                                              FILING TATE: CONCURRENTLY herewith CLASSIFICATION: 424
ATYONEX/AGENT INFORMATION:
NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REFRENCE/DOCKET NUMBER: UMIC:003/HYL
TELECOMMUNICATION INFORMATION:
TELEPANE: 512/418-3000
TELEFRAX: 512/418-4777
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Pred. ... 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
ALROID White & Durkee
STREET: P.O. Box 4433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              25.0%; Score 5; I
100.0%; Pred. No.
                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,819
FILING DATE: Concurrently herewith
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Angiogenesis
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 20, Application US/09213383
Patent No. 6491906
GENERAL INFORMATION:
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LENGTH: 15 amino acids
TYPE: amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 77210
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                      LENGTH: 15 amino acids
                                                                                                                                                                                                                                                                TELEX: N/A
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                    single
                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: peptide
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                                                                                                                                                                                                                                                                                                                                                        TYPE: amino acid
STRANDEDNESS: si
                                                                                                                                                                                                                                                                                                                                                                                                      linear
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US-09-213-383-20
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                  Sequence 15, Application US/08642255
Patent No. 5773249
| PATENT NO. 5773249
| APPLICANT: CAPPELLO. Joseph
APPLICANT: FERRARI. Franco A.
| TITLE OF INVENTION: Protein Polymers
| TITLE OF INVENTION: Protein Polymers
| NUMBER OF SEQUENCES: 135
| NUMBER OF SEQUENCES: 135
| CORRESPONDENCE ADDRESS: ADDRESSE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
| STREET A Embarcadero Center, Suite 3400
| CITY: San Francisco
| STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        25.0%; Score 5; DB 1; Length 9; 100.0%; Pred. No. 3.8e+05; ive 0; Mismatches 0; Indels
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| Patent No. 5871723
| GENERAL INFORMATION:
| APPLICANT: Elrieter, Robert M.
| APPLICANT: Polverini, Peter J.
| APPLICANT: Kunkel, Steven L.
| TILLE OF INVENTION: Angiogenesis
| TILLE OF INVENTION: Angiogenesis
| NUMBER OF SEQUENCES: 93
| CORRESPONDENCE ADDRESS:
| ADDRESSEE: Arnold, White & Durkee
| STREET: P.O. Box 4433
                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: PAPLICATION NUMBER: US/08/642,255 FILING DATE: CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: ROWLAND, Bertram I.
REGISTRATION NUMBER: 20,015
REFERENCE/DOCKET NUMBER: 455556-3/BIR
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                          ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
CMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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TELEFAX: (415) 494-8771
TELEX: 910 277299 FHT UR
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity 100.
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                single
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ZIP: 77210
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US-08-642-255-15
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                                                                                                                                                                                                                                                                                                                                   SIGNER CALIFORNIA
COUNTRY: CALLIOTHIA
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 in., DS, 2.0 MB
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 in., DS, 2.0 MB
COMPUTER: Apple Macintosh
OPERATION SYSTEM: Macintosh OS 7.0
SOFTWARE: Microsoft Word Version 5.1a
APPLICATION DATA:
APPLICATION NUMBER: US/07/778,413E
FILING DATE: 16-00T-1991
FILIEPHONE: GOOK, ROBERT R.
REGISTRATION NUMBER: 31602
REFERENCE/DOCKET NUMBER: 31602
REFERENCE/DOCKET NUMBER: 31602
REFERENCE/DOCKET NUMBER: 3-24
TELEPHONE: (805) 499-5725 EXTENSION 4955
TELEPHONE: (805) 499-8011
INPORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 10

US-08-340-102-3
; Sequence 3, Application US/08340102
; Patent No. 5591718
; GRNERAL INFORMATION:
; APPLICANT: Walz, Alfred
; TITLE OF INVENTION: No. 5591718el Neutrophil
; TITLE OF INVENTION: Activating Factors
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSE: Amgen Inc.
; STREET: Amgen Center
; STREET: 1840 Dehavilland Drive
; CITY: Thousand Oaks
; STREET: California
                                 Sequence 3, Application US/07778413E
Fatent No. 5401651
GENERAL INFORMATION:
TITLE OF INVENTION: No. 5401651el Neutrophil
TITLE OF INVENTION: Activating Factors
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Amgen Inc.
STREET: Amgen Center
STREET: 1840 Dehavilland Drive
CITY: Thousand Oaks
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 in., DS, 1.4 MB
COMPUTER: MS-DOS
OPERATING SYSTEM: MS-DOS 6.22
SOFTWARE: Microsoft Word Version 5.1a for SOFTWARE: Macintosh
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             25.0%; Score 5; DB 1; 100.0%; Pred. No. 34; iive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: Amino Acid
TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: USA
ZIP: 91320-1789
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                     US-07-778-413E-3
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US-08-311-307B-11
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Sequence 11, Application US/08311307B

Sequence 11, Application US/08311307B

Patent No. 5627156

Patent No. 5627156

Patent No. 5627156

TITLE OF INVENTION:

TITLE OF INVENTION: Interleukin-8

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                     0; Indels
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                                                                                                                                            Length 15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TIKE: TALPAY ALLEA
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,307B
FILING DATE: 23-SEP-1994
CLASSIFICATION NUMBER: US/08/311,307B
ATTORNEY/AGENT INFORMATION:
NAMME: Hagan, Patrick J.
REGISTRATION NUMBER: 63.085
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4100
TELEPHONE: (215)563-4104
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 25.0%; Score 5; DB 1; Best Local Similarity 100.0%; Pred. No. 32; Matches 5; Conservative 0; Mismatches
                                                                                                                                         DB 4;
                                                                                                                                    Query Match 25.0%; Score 5; DB 4;
Best Local Similarity 100.0%; Pred. No. 31;
Matches 5; Conservative 0; Mismatches
                     TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 20:
US-09-213-383-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SIKANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
HYPOTHERICAL: NO
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: Amino Acid
TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity
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US-08-436-420-17
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COMPUTER: Apple Macintosh
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh OS 7.0
SOFTWARE: Microsoft Word Version 5.1a
APPLICATION DATA:
APPLICATION DATA:
CLASSIFICATION NUMBER: US/07/778,413E
FILING DATE: 16-007-1991
CLASSIFICATION S36
ATTORNEY/AGENT INFORMATION:
NAME: COOK, Robert R.
REGISTRATION NUMBER: 31602
REFERENCE/DOCKTR NUMBER: 31602
REFERENCE/DO
                                                                        CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: COCK, ROBERT R.
REGISTRATION NUMBER: 31602
REPERENCE/DOCKET NUMBER: 3402
TELECOMMUNICATION INFORMATION:
TELEPHONE: (805) 499-5725 EXTENSION 4955
TELEPHONE: (805) 499-5725 EXTENSION 6955
INFORMATION FOR SEQ ID NO: 3: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Walz, Alfred
APPLICANT: Walz, Alfred
TITLE OF INVENTION: No. 5401651el Neutrophil
TITLE OF INVENTION: Activating Factors
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
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100.0%; Pred. No. 59;
iive 0; Mismatches
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Best Local Similarity 100.0%; Pred. No. 34;
Matches 5; Conservative 0; Mismatches
APPLICATION NUMBER: US/08/340,102
FILING DATE: 15-NOV-1994
CLASSIFICATION: 514
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STREET: 1840 Dehavilland Drive
CITY: Thousand Oaks
STATE: California
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Best Local Similarity 100.
Matches 5; Conservative
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COMPUTER READABLE FORM:
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TOPOLOGY: Linear
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TOPOLOGY: Linear
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US-07-778-413E-4
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Gaps
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Patent No. 5840524
GENERAL INFORMATION:
APPLICANT: PROOST, Paul
TITLE OF INVENTION: GRANULOCYTE CHEMOTACTIC PROTEIN
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSE: HALE and DORR LLP
STREET: 1455 PENNSYLVANIA AVENUE, N.W.
CITY: WASHINGTON
STATE: DISTRICT OF COLUMBIA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
                                                                                                                                                                                                        STREET: Amgen Center STREET: Amgen Center STREET: 1840 Dehavilland Drive CITY: Thousand Oaks STATE: California COUNTRY: USA COUNTRY: USA COMPUTER READABLE FORM: MEDLUM TYPE: Diskette, 3.5 in., DS, 1.4 MB COMPUTER: MS-DOS OPERATING SYSTEM: MS-DOS OPERATING SYSTEM: MS-DOS CONFUTER: Macrosoft Word Version 5.1a for SOFTWARE: Macritosh CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/340,102 FILING DATE: 15-NOV-1994
Sequence 4, Application US/08340102
Patent No. 5591718
GENERAL PATENTION:
TITLE OF INVENTION: No. 5591718e1 Neutrophil
TITLE OF INVENTION: Activating Factors
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY AGENT INFORMATION:
NAME: Cook, Robert R.
REGISTRAINON NUMBER: 31602
REFERENCE/DOCKET NUMBER: A-204A
TELECOMMUNICATION INFORMATION:
TELEPHONE (805) 499-8011
INFORMATION FOR SEQ ID NO: 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Preu. ... o; Mismatches
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Sequence 3074, Application US/09134001C
Batent No. 6380370
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION:
FILE REPERENCE: GTC-007
CURRENT APPLICATION NUMBER: US/09/134,001C
CURRENT PILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: US 60/064,964
PRIOR FILING DATE: 1997-11-08
PRIOR PELLOR DATE: 1997-11-08
PRIOR FILING DATE: 1997-08-14
RIOR RILING DATE: 1997-08-14
RIOR STELING DATE: 1997-08-14
RIOR STELING DATE: 1997-11-08
RIOR APPLICATION NUMBER: US 60/055,779
REGO ID NO 3074
LIBRICH: 74
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Patent No. 6380370

GENERAL INFORMATION:
APPLICAMY: Lynn Doucette-Stamm et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS
TITLE OF INVENTION: BETDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: GTC-007
CURRENT APPLICATION NUMBER: US/09/134,001C
CURRENT PILING DATE: 1999-08-13
PRIOR FILING DATE: 1997-11-08
PRIOR PELLOR DATE: 1997-11-08
PRIOR FILING DATE: 1997-08-14
NUMBER: OF SEQ ID NOS: 5674
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Patent No. 5840524

Patent No. 5840524

Patent No. 5840524

APPLICANT: PROCST, Paul

TITLE OF INVENTION: GRANULOCYTE CHEMOTACTIC PROTEIN
NUMBER OF SEQUENCES: 45

CORRESPONDENCE ADDRESS:

ADDRESSEE: HALE and DORR LLP

STREET: 1455 PRINISYLVANIA AVENUE, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1.1e+02;
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100.0%; Pred. No. 1.1
tive 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Staphylococcus epidermidis
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US-09-134-001C-4851
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-134-001C-3074
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               US-09-134-001C-3074
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 17
US-08-436-420-15
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LENGTH: 74
                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
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APPLICANT: Keith Weinstock et al

APPLICANT: Keith Weinstock et al

APPLICANT: Keith Weinstock et al

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN

TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS

FILE REPERENCE: 107196.132

CURRENT APPLICATION NUMBER: US /09/248, 796A

CURRENT FILING DATE: 1999-02-13

PRIOR APPLICATION NUMBER: US 60/074, 725

PRIOR APPLICATION NUMBER: US 60/096, 409

PRIOR PLING DATE: 1998-08-13

PRIOR FILING DATE: 1998-08-13
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OTHER INFORMATION: /note= "Xaa was ambiguous at time
OTHER INFORMATION: of determination; later identified as
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
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100.0%; Pred. No. 76;
iive 0; Mismatches
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/436,420
FILING DATE: 24-MAY-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP93/03330
FILING DATE: 26-MOV-1993
CLASSIFICATION DATA:
APPLICATION NUMBER: US 07/982,539
FILING DATE: 27-WOV-1992
ATTORNEY APPLICATION DATA:
APPLICATION NUMBER: US 07/982,539
FILING DATE: 27-WOV-1992
ATTORNEY AGENT INFORMATION:
NAME: BAKER, HOLLIG L.
REGISTRATION NUMBER: 31,321
REFERENCE JOOUTHON:
TELEPHONE: (202) 942-8494
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 46 amino acid
TYPE: amino acid
TYPE: amino acid
TYPE: amino acid
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Best Local Similarity 100.v.
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ORGANISM: Candida albicans
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
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GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster:
TITLE OF INVENTION: NUCLEIC acids and proteins of Drosophila melanogaster:
FILE REFERENCE: File Reference: 7326-094
CURRENT TILING DATE: 1990-03-17
CURRENT FILING DATE: 1990-03-17
SOFTWARE: PATENT OF SEQ ID NOS: 62517
SOFTWARE: PATENTIN VEY: 2.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 12, Application US/0778413E
Patent No. 5401651
GENERAL INFORMATION:
TITLE OF INVENTION: No. 5401651el Neutrophil
TITLE OF INVENTION: Activating Factors
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Amgen Inc.
STREET: Amgen Center
STREET: 1840 Dehavilland Drive
CITY: Thousand Oaks
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZUPER TO 1989

ZUPER TRADABLE FORM:
MEDIUM TYPE: Diskette, 3.5 in., DS, 2.0 MB
COMPUTER: Apple Macintosh
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh OS 7.0
SOFTWARE: Microsoft Word Version 5.1a
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/778,413E
FILLING DATE: 16-0CT-1991
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Cock, Robert R.
REGISTRATION NUMBER: 31602
REFERENCET NUMBER: A-204
TELECOMMUNICATION INFORMATION:
TELEPHONE: (805) 499-5725 EXTENSION 4955
                                                                                                                                                                                                                                                                                                                                                                                                                                                     25.0%; Score 5; DB 4
100.0%; Pred. No. 1.1
tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                 ; FEATURE:
; OTHER INFORMATION: Xaa means any amino acid
US-09-270-767-52129
                                            ; Sequence 52129, Application US/09270767; Patent No. 6703491
                                                                                                                                                                                                                                                                                                                                         ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (805) 499-8011
INFORMATION FOR SEQ ID NO: 12:
                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 100.0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
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US-07-778-413E-12
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                       JS-09-270-767-52129
                                                                                                                                                                                                                                                                        SEQ ID NO 52129
LENGTH: 77
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US-07-778-413E-12
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Patent NO. 6703491
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERENCE: FILE REFERENCE: FILE REFERENCE: 7326-094
CURRENT PILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 36912
LENGTH: 77
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                                                                               COMPUTER READABLE FORM:

MEDIUM TYBE: Floppy disk
COMPUTER: Floppy disk
COMPUTER: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/436,420
FLING DATE: 24-MAY-1995
CLASSIFICATION DATA:
PILING DATE: 26-NOV-1993
CLASSIFICATION: 530
PRIOR APPLICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/082,539
FLING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          25.0%; Score 5; DB 2; Length 75; 100.0%; Pred. No. 1.1e+02; cive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Xaa means any amino acid US-09-270-767-36912
                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: BAKER, HOLLIE L.
REGISTRATION NUMBER: 31,321
REFERENCE/DOCKET NUMBER: 102378.215
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 942-8400
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT ORGANISM: Drosophila melanogaster
       DISTRICT OF COLUMBIA
USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 100.0
Matches 5; Conservative
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MOLECULE TYPE: protein
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WASHINGTON
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Best Local Similarity
Matches 5; Conserv
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US-09-270-767-36912
                                                               20004
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                                            COUNTRY:
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Gaps

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Sequence Application US/08482111

Patent No. 5789539

GREEAL INFORMATION:

APPLICANT: LaRosa, Gregory J.

TITLE OF INVENTION: Chemokine-Like Proteins and Methods of TITLE OF INVENTION: Use

NUMBER OF SEQUENCES: 70

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson P.C.

STREET: 225 Franklin Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 5; DB 1; Length 78; Pred. No. 1.2e+02; 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CONTRAINT DESCRIPTIONS
CONTRAINT U.S.A.
ZIP: 02110-280A
ZIP: 02110A
ZIP: 02110A
ZIP: 02110A
ZIP: 02110A
ZIP: 0210A
                                                                          OURRENT APPLICATION DATA:

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/330,163

FILING DATE: 05-040-1994

CLASSIFICATION ** 530

ATTORNEY/AGENT INFORMATION:

NAME: Rease, J. Peter

REGISTRATION NUMBER: 32,983

REFERENCE/DOCKET NUMBER: 00231/080001

TELEPHONE: (617) 542-5006

TELEPHONE: (617) 542-8906

INFORMATION FOR SEG ID NO: 8:
                          COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               25.0%; SCUL.
100.0%; Pre
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TELEFAX: (617) 542-8906
INFORMATION FOR SEQ ID NO: 8:
Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 100.v
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LENGTH: 78 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: peptide
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STREET: ZZC
TW: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS:
   MEDIUM TYPE:
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US-08-482-111-8
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Patent No. 5656724
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Chemokine-Like Proteins and Methods of TITLE OF INVENTION: Use
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
STREET: 225 Franklin Street
CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     25.0%; Score 5; DB 1; Length 78; 100.0%; Pred. No. 1.2e+02; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTY: USA

ZIP: 91320-1789

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 in., DS, 1.4 MB
COMPUTER: M-DOS 6.22
OPERATING SYSTEM: MS-DOS 6.22
SOFTWARE: Microsoft Word Version 5.1a for
ATTORNEY/AGENT INFORMATION:
NAME: Cook, Robert 8.
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 31602
REFERENCE/DOCKET NUMBER: A-204A
TELEPHONE: (805) 499-8011
TELEPAX: (805) 499-8011
INPORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                            US-08-340-102-12

Sequence 12, Application US/08340102

Sequence 12, Application US/08340102

Sequence 12, Application US/08340102

FREED INFORMATION:

APPLICANT: Walz, Alfred

TITLE OF INVENTION: Activating Factors

NUMBER OF SEQUENCES: 22

CORRESPONDENCE ADDRESS:

ADDRESSEE: Amgen Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: Amgen Center
STREET: 1840 Dehavilland Drive
CITY: Thousand Oaks
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 100.
Matches 5; Conservative
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ZIP: 02110-2804
COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              8 LRCVC 12
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      LRCVC 12
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Gaps

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Sequence 24182, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION NUMBER: US/09/252,991A
CURRENT APPLICATION NUMBER: US/09/252,991A
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/094,190
                         APPLICANT: Lo, Donald C.
APPLICANT: Barney, Shawn
APPLICANT: Barney, Shawn
APPLICANT: Thomas, May Beth
APPLICANT: Thomas, May Beth
APPLICANT: Puranam, Kasturi
APPLICANT: Puranam, Kasturi
APPLICANT: Katz, Lawrence C.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING
TITLE OF INVENTION: CELL DEATH
FILE REPERENCE: 10001-005-999
CURRENT APPLICATION NUMBER: US/09/461,697
CURRENT APPLICATION NUMBER: US/09/461,697
ANDHER OF SEQ ID NOS: 466
SOFTWARE: FASESEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT PELLING NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 41916
LENGTH: 85
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100.0%; Pred. No. 1.2
tive 0; Mismatches
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US-09-270-767-41916
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 26
8-09-270-767-41916
: Sequence 41916, Application US/09270767
; Patent No. 6703491
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Drosophila melanogaster
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Best Local Similarity 100.
Matches 5; Conservative
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Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         54 PRGAP 58
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US-09-252-991A-24182
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                                                                                                                                                                                                                                                                                                                                                                                                               SEQ ID NO 464
LENGTH: 80
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COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
SOFTWARE: Pc-DOS/MS-DOS
SOFTWARE: Pc-DOS/MS-DOS
GURENT APPLICATION DATA:
APPLICATION NUMBER: US/08/436,420
FILING DATE: 24-MAY-1995
CLASSIFICATION DATA:
APPLICATION NUMBER: US 07/993
CLASSIFICATION DATA:
APPLICATION NUMBER: US 07/982,539
FILING DATE: 26-NOV-1993
CRICKSIFICATION DATA:
APPLICATION NUMBER: US 07/982,539
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: BAKER, HOILIE L.
RECISTRATION NUMBER: 31,321
REFERENCE/DOCKET NUMBER: 31,321
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Indels
                                                        Length 78;
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                                                                                                                                                                                                                                                                                                                                                 Sequence 32, Application US/08436420
Patent No. 5840524
GENERAL INFORTION:
APPLICANT: VAN DAMME, Jo; and
APPLICANT: PROCST, Paul
ITILE OF INVENTION:
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
                                                     DB 1; Ler
5. 1.2e+02;
                                                25.0%; Score 5; DB 1
100.0%; Pred. No. 1.2
tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: HALE and DORR LLP
STREET: 1455 PERNSYLVANIA AVENUE, N.W.
CITY: WASHINGTON
STATE: DISTRICT OF COLUMBIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 464, Application US/09461697
Patent No. 6277974
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (202) 942-8484
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 78 amino acids
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Best Local Similarity 100.
Matches 5; Conservative
                                                                                                        5; Conservative
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                                                Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: amino acid
STRANDEDNESS: si
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US-09-461-697-464
                                                                                                                                                                                                                                                                                              RESULT 24
US-08-436-420-32
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US-08-482-111-8
                                                                                                        Matches
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Sequence 27372, Application US/09248796A
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Patent No. 6703491
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270, 767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 38667
LENGTH: 91
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 53864, Application US/09270767
Patent No. 6703491
GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Similarity 100.0%; Pred. No. 1.3e+02; 5; Conservative 0; Mismatches 0; Indels
                                                                                                                                                        25.0%; Score 5; DB 4; Length 91; 100.0%; Pred. No. 1.3e+02; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-09-270-767-53884
                                                                             ; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-24182
                  NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 24182
LENGTH: 91
                                                                                                                                                                                                 5; Conservative
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Best Local Similarity
Matches 5; Conserv
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Best Local Similarity
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  PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 29
US-09-270-767-53884
                                                                                                                                                                                                                                                                                                                                     RESULT 28
US-09-270-767-38667
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LENGTH: 91
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RESULT 30 US-09-248-796A-27372

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PATENT NO. 6747137
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION:
FILLE OF INVENTION:
FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196-132
CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT APPLICATION NUMBER: US 60/074,725
FRIOR PILING DATE: 1998-02-13
FRIOR APPLICATION NUMBER: US 60/096,409
FRIOR FILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
SEQ ID NOS: 28208
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Gary Breton et. al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: NUCLEIC ACID AND THERAPEUTICS
TITLE OF INVENTION: PREMOMER FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT ELILING DATE: 2009-2004001
CURRENT FILLING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR FILLING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 14342
SEQ ID NO 11486
LENGTH: 105
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US-08-816-772-9
US-08-816-772-9
Sequence 9, Application US/08816772
Sequence 9, Application US/08816772
SENERAL INFORMATION:
APPLICANT: NI, JIAN
APPLICANT: LI, HADDONG
TITLE OF INVENTION: CHEMOKINE ALPHA-3
NUMBER OF SEQUENCES: 9
CORRESPONDENCE 9
CORRESPONDENCE 9
CORRESPONDENCE 9
CORRESPONDENCE 1100 NEW YORK AVENUE, GUIDSTEIN & FOX P.L.L.C.
STREET: 1100 NEW YORK AVENUE, SUITE 600
CITY: WASHINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               25.0%; Score 5; DB 4; Length 105; 100.0%; Pred. No. 1.5e+02; cive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 13486, Application US/09489039A
Patent No. 6610836
GENERAL INFORMATION
APPLICANT: Gary Breton et. al
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Klebsiella pneumoniae
                                                                                                                                                                                                                                                                                                                                                                        ; TYPE: PRT
; ORGANISM: Candida albicans
US-09-248-796A-27372
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 25.0
Best Local Similarity 100.
Matches 5; Conservative
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US-08-862-607-3; Sequence 3, Application US/08862607; Patent No. 5844084
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM COMPATIBLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: 415-855-0555
TELEFAX: 415-852-0195
INFORMATION FOR SEQ ID NO: 3:
       LENGTH: 114 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
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LENGTH: 114 amino acids
TYPE: amino acid
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Best Local Similarity 100.
Matches 5; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: peptide
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                                                                                                                                                                                                                                                       8 LRCVC 12
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                                                                                                                      US-08-352-324A-3
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APPLICANT: Hawkins, Phillip R.
APPLICANT: Hawkins, Phillip R.
APPLICANT: Hawkins, Phillip R.
APPLICANT: Hawkins, Phillip R.
TITLE OF INVENTION: A NOVEL CHEWOKINE EXPRESSED IN
TITLE OF INVENTION: INFLAMED ADENOID, ITS PRODUCTION AND USES
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSER: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ..
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                COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
CLASSIFICATION NUMBER: US/08/816,772
FILING DATE:
CLASSIFICATION NUMBER: 138,688
REFERENCE/DOCKET NUMBER: 1488.0980001
TELEPHONE: (202) 371-2600
TELEPHONE: (202) 371-260
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 113 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/352,324A
FILING DATE: 07-DEC-1994
CLASSIFICATION NUMBER: US/08/352,324A
ATTORNEY/AGENT INFORMATION:
NAME: Luther, Barbara J.
REGISTRATION NUMBER: 33,954
REFERENCE/DOCKET NUMBER: 33,954
REFERENCE/DOCKET NUMBER: PF-0025 US
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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US-08-352-324A-3
'S Sequence 3, Application US/08352324A,
Patent No. 5633149
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INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
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Best Local Similarity 100.
Matches 5; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           linear
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COUNTRY:
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APPLICANT: Guegler, Karl J.
APPLICANT: Hawkins, Phillip R.
APPLICANT: Hawkins, Phillip R.
APPLICANT: Seilhamer, Jeffrey J.
TITLE OF INVENTION: A NOVEL CHEMOKINE EXPRESSED IN
TITLE OF INVENTION: INFLAMED ADENOID, ITS PRODUCTION AND USES NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
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Query Match 25.0%; Score 5; DB 1; Length 114; Best Local Similarity 100.0%; Pred. No. 1.6e+02; Matches 5; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Incyte Pharmaceuticals, Inc. STREET: 3174 Porter Drive CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: 15M COMPACIDE
OPERATING SYSTEM: DOS
SOFTWARE: FRASESQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/08/862,607
CLASSITCATION NUMBER: US/08/852,324
FILING DATE: 07-DEC-1994
APPLICATION NUMBER: 08/352,324
FILING DATE: 07-DEC-1994
ATTONEY/AGENT INFORMATION:
NAME: LAILHER, BADDARA
REGISTRATION NUMBER: 33,954
REFERENCE/DOCKET NUMBER: PF-0025 US
TELECOMUNICATION INFORMATION:
TELECOMUNICATION INFORMATION:
TELECOMUNICATION INFORMATION:
TELECOMUNICATION INFORMATION:
TELECOMUNICATION INFORMATION:
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US-08-679-493A-149

Sequence 149, Application US/08679493A

Patent No. 6303295

GENERAL INFORMATION:

APPLICANT: Taylor, Ethan W.

TITIE OF INVENTION: SELENOPROTEINS, CODING SEQUENCES AND METHODS

FILE REPERENCE: 55-95

CURRENT FILING DATE: 1996-07-12

PRIOR APPLICATION NUMBER: 60/001203

PRIOR APPLICATION NUMBER: 60/001203
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No. 1.6e+02;
0; Indels
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                   PF-0025 US
                                                                                               US/09/203,235
                                                                                                               PLING DATE:
CLASSIFICATION:
PRIOR APPLICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/862,607
FILING DATE: 23-MAY-1997
APPLICATION NUMBER: 08/323,324
FILING DATE: 07-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: Luther, Barbara J.
REGISTRATION NUMBER: 33,954
REFERENCE/DOCKET NUMBER: 97-025
TELECOMMUNICATION INFORMATION:
TELEFAX: 415-855-0555
INFORMATION FOR SEQ 1D NO: 3:
SEQUENCE CHARACTERISTICS:
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100.0%; Pre
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100.0%; Pre
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                     OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 114 amino acids
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Best Local Similarity 100.
                                                                  CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
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Best Local Similarity 100.
Matches 5; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; ORGANISM: Homo sapiens US-08-679-493A-149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQ ID NO 149
LENGTH: 114
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US-09-213-383-4
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APPLICANT: Guegler, Karl J.
APPLICANT: Guegler, Karl J.
APPLICANT: Hawkins, Phillip R.
APPLICANT: Wide, Craig G.
APPLICANT: Wilde, Craig G.
TITLE OF INVENTION: A NOVEL CHEMOKINE EXPRESSED IN
TITLE OF INVENTION: INFLAMED ADENOID, ITS PRODUCTION AND USES
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
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          Sequence 4, Application US/08468819;
Patent No. 5871723;
GENERAL INFORMATION:
APPLICANT: Strieter, Robert M.
APPLICANT: Runkel, Peter J.
APPLICANT: Runkel, Steven L.
TITLE OF INVENTION: CXC Chemokines as Regulators of TITLE OF INVENTION: Angiogenesis
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: TX
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,819
FILING DATE: Concurrently herewith
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: UMIC:003/HYL
TELECOMMUNICATION INFORMATION:
TELECOMMUNIC: 512/418-3000
TELEFAX: 512/474-7477
                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 114 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 25.0
Best Local Similarity 100.
Matches 5; Conservative
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TOPOLOGY: linear; MOLECULE TYPE: peptide US-08-468-819-4
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  US-08-468-819-4
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MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-588-044-3
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TELEPHONE: 415-855-0555
                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 114 amino acids
                                                                                                                                                                                                                                                                                                                              TELEFAX: 415-852-0195
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 415-852-0195
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
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Patent No. 6622920
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Guegler, Karl J.
Hawkins, Phillip R.
Wilde, Craig G.
Seilhamer, Jeffrey J.
Seilhamer, Jeffrey J.
IITLE OF INVENTION: INFLAMED ADENOID, ITS PRODUCTION AND USES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ;
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                                                                                                                                                                                                                                                                                                       COMPUTER: IEM PC compatible
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/213,383
FILING DATE: 09-Dec-1998
CLASSIFICATION COMPOND-
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/468,819
APPLICANT: Strieter, Robert M.
Polverini, Peter J.
Kunkel, Steven L.
TITLE OF INVENTION: CXC Chemokines as Regulators of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSE: Incyte Pharmaceuticals, Inc.
STREET: 3114 Porter Drive
CITY: Palo Alto
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: UMIC:003/HYL
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/418-3000
TELEPHONE: 512/414-3477
                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TOPOLGGY: linear; MOLECULE TYPE: peptide; SEQUENCE DESCRIPTION: SEQ ID NO: 4: US-09-213-383-4
                                                                                     Angiogenesis
                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 114 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS: single
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                                                                                                      NUMBER OF SEQUENCES: 93
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Best Local Similarity 100.(
Matches 5; Conservative
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                                                                                                                                                                                                        STATE: TX
COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: US
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                                                                                                                                                                                                                                                 ZIP: 77210
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US-09-588-044-3
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Gaps
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GENERAL INFORMATION:
APPLICANT: INCYTE PHARMACEUTICALS, INC.
TITLE OF INVENTION: A NOVEL CHEMOKINE EXPRESSED IN INFLAMED
TITLE OF INVENTION: ADENOID, ITS PRODUCTION AND USES
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESSS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 POTTET Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DB 4; Length 114; . 1.6e+02; ches 0; Indels
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARTING SYSTEM: DOS
SOFTWART APPLICATION DATR:
APPLICATION NUMBER: US/09/588,044
FILING DATE: 05-Jun-2000
CLASSIFICATION: CUNKNOWN:
PRIOR APPLICATION NUMBER: 08/352,324
APPLICATION NUMBER: 08/352,324
ATTONNEY/AGENT INFORMATION:
NAME: Luther, Barbara J.
REFERENCE/DOCKET NUMBER: 33,954
REFERENCE/DOCKET NUMBER: PF-0025 US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 25.0%; Score 5; DB 4 Best Local Similarity 100.0%; Pred. No. 1.6 Matches 5; Conservative 0; Mismatches
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MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
OCMPUTER: IBM PC compactible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MordPefect 6.1/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/16144
FILING DATE: 07-DEC-1995
GLASSIFFCATION:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 08/352,324
FILING DATE: 07-DEC-1994
ATTONEY/AGENT INFORMATION:
NAME: LUTHER, BARBARA J.
REGISTRATION NUMBER: 33954
REFERENCE/DOCKET NUMBER: 33954
REFERENCE/DOCKET NUMBER: PF-0025 PCT
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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GENERAL INFORMATION:
APPLICANT Homburger et al.
APPLICANT Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT PAPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 50120
LENGTH: 125
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APPLICANT: Homburger et al.
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-034
CURRENT PAPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 36650
LENGTH: 127
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Patent No. 6703491
GENERAL INFORMATION:
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILLE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
NUMBER OF SEQ ID NOS: 62517
SEQUENCE: Patentin Ver. 2.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Indels
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100.0%; Pred. No. 1.7
cive 0; Mismatches
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US-09-270-767-50120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Xaa means any amino acid
                                    Sequence 50120, Application US/09270767 Patent No. 6703491
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; Sequence 36650, Application US/09270767; Patent No. 6703491
                                                                                                                                                                                                                                                                                    TYPE: PRT ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                                                                                                                                                                                                                                 5; Conservative
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Best Local Similarity
Matches 5; Conserv
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US-09-270-767-51867
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US-09-270-767-36650
                     US-09-270-767-50120
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TYPE: PRT
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APPLICANT: Gary Breton et. al
APPLICANT: Gary Breton et. al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: NUCLEIC ACID AND THERAPEUTICS
FILE REFERENCE: 2709.2004001
CURRENT APPLICATION NUMBER: US/09/489,039A
CURRENT FILING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: US 66/117,747
PRIOR FILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 14342
SEQ ID NO 11951
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Ratent No. 6703491

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Number: 0326-094
CURRENT FILING NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SCFTWARE: PatentIn Ver. 2.0
SEQ ID NO 34903
LENGTH: 125
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US-09-270-767-34903
                                                                                                                                                                                                                                                                                                                                           Sequence 11951, Application US/09489039A Patent No. 6610836
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                                                                                                                Query Match
Best Local Similarity 100.
Matches 5; Conservative
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Best Local Similarity 100.
Matches 5; Conservative
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                                  TOPOLOGY: linear
MOLECULE TYPE: protein
                     single
TYPE: comessibly STRANDEDNESS: sin
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Matches 5; Conserv
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US-09-489-039A-11951
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PCT-US95-16144-3
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FESCUL 101-1646A-726

Sequence 726, Application US/10101464A
Sequence 726, Application US/10101464A

Sequence 726, Application US/10101464A

Sequence 726, Application US/10101464A

SETIONAT: Strabala, Timothy
APPLICANT: Nieuwenhuizen, Nicolaas
APPLICANT: Higgins, Colleen M.
TITLE OF INVENTION: Compositions Isolated from Plant Cells
TITLE OF INVENTION: and Their Use in the Modification of Plant Cell Signaling
FILE REFERENCE: 11000.1020c2
CURRENT FILING DATE: 2002-03-18
FRIOR PELING DATE: 2000-11-01
FRIOR APPLICATION NUMBER: 60/162,866
FRIOR APPLICATION NUMBER: 60/162,866
FRIOR PILING DATE: 1999-11-01
FRIOR PILING DATE: 1999-11-01
FRIOR FILING DATE: 2000-01-11
FRIOR APPLICATION NUMBER: 60/162,866
FRIOR SPLING DATE: 2000-01-11
NUMBER OF SEQ ID NOS: 989

SOFTWARE: FRATSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                      APPLICANT: Stractan, Johns APPLICANT: Stractan, Lorna APPLICANT: Sleeman, Matthew APPLICANT: Sleeman, Matthew APPLICANT: Orrust, Rene APPLICANT: Murison, James G. APPLICANT: Kumble, Krishanand D. APPLICANT: Kumble, Krishanand D. TITLE OF INVENTION: Compositions isolated from Skin Cells TITLE OF INVENTION: and Methods for Their Use FILE REFERENCE: 11000.1011c2 CURRENT APPLICATION NUMBER: US/09/312,283C CURRENT FILING DATE: 1999-05-14 NUMBER OF SEQ ID NOS: 425 SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                  US-09-312-283C-425
; Sequence 425, Application US/09312283C
; Patent No. 65/3095
                                                                                                                                                                                                                                                      APPLICANT: Watson, James D. APPLICANT: Strachan, Lorna APPLICANT: Sleeman, Matthew
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Best Local Similarity 10v..
Si Conservative
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                                                       47 PRGAP 51
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     1 PRGAP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Mouse
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-312-283C-425
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APPLICANT: Lynn Boucette-Stamm et al.

TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus
TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus
TITLE OF INVENTION: PROBLEM PRICES

FILE REFERENCE: PATHO0-075-05

CURRENT APPLICATION NUMBER: US/09/583,110

CURRENT FILING DATE: 1998-06-30

PRIOR FILING DATE: 1998-06-30

PRIOR FILING DATE: 1998-05-12

PRIOR FILING DATE: 1998-05-12

PRIOR APPLICATION NUMBER: US 60/085,131

PRIOR FILING DATE: 1998-05-12

RIOR FILING DATE: 1998-05-12

PRIOR SEQ ID NOS: 5322

SEQ ID NO 4139

LENGTH: 132
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APPLICANT: Warc J. Rubenfield et al.
APPLICANT: Warc J. NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: ABRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 30594
LENGTH: 133
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                                                                                                                        25.0%; Score 5; DB 4; Length 127; 100.0%; Pred. No. 1.7e+02; tive 0; Mismatches 0; Indels
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                                                 ; OTHER INFORMATION: Xaa means any amino acid US-09-270-767-51867
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Streptococcus pneumoniae US-09-583-110-4139
ORGANISM: Drosophila melanogaster
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Best Local Similarity 100.0
Matches 5; Conservative
                                                                                                                   Query Match
Best Local Similarity 100.
Matches 5; Conservative
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Best Local Similarity
Matches 5; Conserv
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US-09-252-991A-30594
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ORGANISM: Homo sapiens
CURRENT FILING DATE:
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US-09-248-796A-18178
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US-09-248-796A-23447
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LENGTH: 158
                                                                                                                     LENGTH: 141
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Parent No. 6703491

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: ParentIn Ver. 2.0
SEQ ID NO 54985
LENGTH: 139
                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTIONS: Nucleic acids and proteins of Drosophila melanogaster
TITLE OF INVENTIONS: Nucleic acids and proteins of Drosophila melanogaster
FILE REPERENCE: File Reference: 7326-094
CURRENT PAPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 39768
LENGTH: 139
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Sequence 6252, Application US/09513999C

GENERAL INFORMATION

APPLICANT: Dumas Milne Edwards, J.B.

APPLICANT: Dulefer, A.

TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.

TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.

Patent No. 6793961

FOURENT APPLICATION NUMBER: US/09/513,999C
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                                                                                                  Sequence 39768, Application US/09270767 Patent No. 6703491
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Best Local Similarity 10v...
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Best Local Similarity
Matches 5; Conserv
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  APMWL 80
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US-09-513-999C-6252
                                                             RESULT 50
US-09-270-767-39768
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Sequence 18178, Application US/09248796A

Sequence 18178, Application US/09248796A

GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: NUCLEIC ACID AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: 107196.132
CURRENT APPLICATION NUMBER: US/09/248,796A

CURRENT FILING DATE: 1999-02-12
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR APPLICATION NUMBER: US 60/074,726
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR FILING DATE: 1998-08-13
PRIOR FILING DATE: 1998-08-13
PRIOR FILING DATE: 1998-08-13
PRIOR FILING DATE: 1998-08-13
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Sequence 23447, Application US/09248796A

Patent No. 6747137

GENERAL INFORMATION:

APPLICANT: Keith Weinstock et al

APPLICANT: Keith Weinstock et al

TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: 107196.132

CURRENT APPLICATION NUMBER: US/09/248,796A

CURRENT FILING DATE: 1999-02-12

PRIOR APPLICATION NUMBER: US 60/074,725

PRIOR APPLICATION NUMBER: US 60/096,409

PRIOR FILING DATE: 1998-03-13

NUMBER OF SEQ ID NOS: 28208

SEQ ID NOS: 28208

LENGTH: 158
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ches 0; Indels
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100.0%; Pred. No. 1.9
tive 0; Mismatches
                   PRIOR APPLICATION NUMBER: US 60/122,487
PRIOR FILING DATE: 1999-02-26
NUMBER OF SEQ ID NOS: 36681
SOFTWARE: PATENT.pm
SEQ ID NO 6252
                                                                                                                                                                                                                                                                  NAME/KEY: UNSURE
1 LOCATION: 1.09
2 OTHER INFORMATION: Xaa=Ala or Val
US-09-513-999C-6252
2000-02-24
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US-09-248-796A-18178
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Best Local Similarity 100.
Matches 5; Conservative
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Best Local Similarity 100.
Matches 5; Conservative
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Sequence 21850, Application US/09252991A

Patent No. 6551795
GENERAL INFORMATION:
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION UNMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/094,190
                                                                                         GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nuclei acids and proteins of Drosophila melanogaster
TITLE OF INVENTION: Nuclei acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PATENTIN VET. 2.0
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TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 51779
LENGTH: 180
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100.0%; Pred. No. 2.3
:ive 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Xaa means any amino acid US-09-270-767-36562
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; Sequence 51779, Application US/09270767
; Patent No. 6703491
                                             Sequence 36562, Application US/09270767 Patent No. 6703491
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ORGANISM: Drosophila melanogaster
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Best Local Similarity 100.
Matches 5; Conservative
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Best Local Similarity
Matches 5; Conserv
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US-09-252-991A-21850
                         JS-09-270-767-36562
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                                                                                                                                                                                                                                                                                           SEQ ID NO 36562
LENGTH: 180
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APPLICANT: MARC J. Rubenfield et al.
APPLICANT: MARC J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: ARRUGINOSA FOR DIAGNOSTICS AND THERABEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 23275
TENNAME OF SEQ ID NOS: 33142
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APPLICANT: Lynn Doucette-Stamm et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
TITLE OF INVENTION: ENERCACIOS FAECALIS FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 032796-032
CURRENT APPLICATION NUMBER: US/09/134,000C
CURRENT FILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: US 60/055,778
PRIOR FILING DATE: 1997-08-15
NUMBER OF SEQ ID NOS: 6912
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                                                                    Query Match 25.0%; Score 5; DB 4; Length 158; Best Local Similarity 100.0%; Pred. No. 2e+02; Matches 5; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Enterococcus faecalis
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SEQ ID NO 3710
LENGTH: 163
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Best Local Similarity 100.
Matches 5; Conservative
ORGANISM: Candida albicans
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Best Local Similarity
Matches 5; Conserv
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                      US-09-248-796A-23447
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US-09-252-991A-23275
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US-09-134-000C-3710
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Sequence 47191, Application US/09270767

Patent No. 6703491

RAPPLICANT: Homburger et al.

APPLICANT: Homburger et al.

TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster

FILE REFERENCE: File Reference: 7326-094

CURRENT APPLICATION NUMBER: US/09/270,767

CURRENT APPLICATION NUMBER: US/09/270,767

CURRENT PILING DAFFE: 1999-03-17

SOFTWARE: PatentIn Ver. 2.0
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APPLICANT: Lynn Doucette-Stamm et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
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Patent No. 6410718
GENERAL INFORMATION:
APPLICANT: Blokberg, Leonard N.
APPLICANT: Blokberg, Leonard N.
TITLE OF INVENTION: Materials and Methods for the
TITLE OF INVENTION: Materials and Methods for the
TITLE OF INVENTION: Modification of Plant Lignin Content;
FILE REFERENCE: 11000.1003c4U
CURRENT PILLORION WUMBER: US/09/615,192A
CURRENT FILING DATE: 2000-07-12;
PRIOR APPLICATION NUMBER: US 08/713,000
PRIOR APPLICATION NUMBER: US 08/713,000
PRIOR PILLING DATE: 1996-09-11
PRIOR PILLING DATE: 1996-09-11
PRIOR FILLING DATE: 1998-10-09
NUMBER OF SEQ ID NOS: 405
NUMBER OF SEQ ID NOS: 405
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100.0%; Pred. No. 2.5
tive 0; Mismatches
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100.0%; Pred. No. 2.6
tive 0; Mismatches
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Best Local Similarity 100.
Matches 5; Conservative
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Matches 5; Conserv
                                  138 ETKFL 142
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US-09-615-192A-385
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LENGTH: 199
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Patent No. 6551795
GENERAL INFORMATION:
TITLE OF INVENTION: NUCLEIC ACLD AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: MUMBER: US/09/252,991A
CURRENT APLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-02-18
PRIOR ETHING DATE: 1998-07-27
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Patent No. 6703491
GENERAL INFORMATION
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REPERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 61994
LENGTH: 195
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Best Local Similarity 100.0%; Pred. No. 2.3
Matches 5; Conservative 0; Mismatches
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ORGANISM: Pseudomonas aeruginosa
                                                                                                                              ; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-21850
   1998-07-27
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SEQ ID NO 32100
LENGTH: 185
                        NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 21850
LENGTH: 183
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Best Local Similarity
Matches 5; Conserv
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PRIOR FILING DATE:
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TITLE OF INVENTION: ENTEROCOCCUS FAECALIS FOR DIAGNOSTICS AND THERAPEUTICS FILE REFERENCE: 032796-032
CURRENT APPLICATION NUMBER: US/09/134,000C
CURRENT FILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: US 60/055,778
PRIOR FILING DATE: 1997-08-15
NUMBER OF SEQ ID NOS: 6812
SOFTWARE: Patentin version 3.1
SEQ ID NO 3778
LENGTH: 215
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERBNCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING NUMBER: US/09/270,767
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 60336
LENGTH: 220
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US-09-627-376-12

Sequence 12, Application US/09627376

Patent No. 6342985

Patent No. 6342985

Fatent No. 6342985

FALE REPRESENCE: USB-17402/22

FILE REPRESENCE: UNB-17402/22

CURRENT APPLICATION NUMBER: US/09/627,376

CURRENT FILING DATE: 2001-05-30

NUMBER OF SEQ ID NOS: 17

SOFTWARE: PatentIn version 3.0

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LENGT: 233
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Xaa means any amino acid US-09-270-767-60336
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 60336, Application US/09270767 Patent No. 6703491 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                ; TYPE: PRT
; ORGANISM: Enterococcus faecalis
US-09-134-000C-3778
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Best Local Similarity 100.
Matches 5; Conservative
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Best Local Similarity 100.
Matches 5; Conservative
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GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prever TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
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NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
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GENERAL INCORMATION:
APPLICANT: Qi, Fengxia
APPLICANT: Caufield, Page W.
APPLICANT: Chen, Ping
TITLE OF INVENTION: MUTACIN I BIOSYNTHESIS GENES AND PROTEINS
FILE REFERENCE: UAB-17403/22
CURRENT FILING DATE: 2002-01-14
PRIOR APPLICATION NUMBER: US 99/627,376
PRIOR FILING DATE: 2000-07-28
NUMBER OF SED ID NOS: 19
SOFTWARE: Patentin version 3.2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                25.0%; Score 5; DB 4; Length 233; 100.0%; Pred. No. 2.8e+02; iive 0; Mismatches 0; Indels
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Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AM
ITILE OF INVENTION: AERUGINOSA FOR DIAG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-198-452A-818
; Sequence 818, Application US/09198452A
; Patent No. 6559294
                                                                                                                       ; Sequence 12, Application US/10047676B ; Patent No. 6699970
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Streptococcus mutans
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     5; Conservative
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Best Local Similarity
Matches 5; Conserv
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     4 MLETK 8
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LENGTH: 233
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LENGIH: 235
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                                                                  25.0%; Score 5; DB 4; Length 242; 100.0%; Pred. No. 2.9e+02; tive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:

APPLICANT: Yamaguchi, No. 57233180mi
APPLICANT: Aranguchi, No. 57233180mi
APPLICANT: Obline, Tetsuo
APPLICANT: Obline, Tetsuo
TITLE OF INVENTION: Genes Coding for Megakaryocyte
TITLE OF INVENTION: Potentiator
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Birch, Stewart, Kolasch & Birch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/426,819A FILING DATE: 21-APR-1995 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               25.0%; Score 5; DB 1; I 100.0%; Pred. No. 3e+02; rative 0; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Birch, Stewart, Kolasch & Birch
STREET: P.O. Box 747
CITY: Falls Church
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; Sequence 27518, Application US/09248796A
; Patent No. 6741137
; GBNEAL INFORMATION;
; APPLICANT: Keith Weinstock et al
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       230-107P
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OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                ; Sequence 37, Application US/08426819A; Patent No. 5723318
      ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Murphy Jr., Gerald M.
REGISTRATION NUMBER: 28,977
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-205-8000
TELEFAX: 703-205-8050
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER:
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                                                                  Query Match
Best Local Similarity 100.
Matches 5; Conservative
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy of
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Best Local Similarity
5; Conserva
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            ; US-09-252-991A-28343
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US-09-248-796A-27518
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FRAGMENT TYPE:
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US-08-426-819A-37
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Sequence 4165, Application US/09134001C
Sequence 4165, Application US/09134001C
Sequence 4165, Application US/09134001C
Sequence 4165, Application US/09134001C
GENERAL INFORMATION:
TITLE OF INVENTION: WUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS
TITLE OF INVENTION: BPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: BPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT APPLICATION NUMBER: US 60/064,964
PRIOR APPLICATION NUMBER: US 60/064,964
PRIOR APPLICATION NUMBER: US 60/055,779
PRIOR FILING DATE: 1997-08-14
SEQ ID NOS: 5674
LENGTH: 239
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Patent No. 6521795
FACENT NO. 6521795
GENERAL INFORMATION:
APPLICANT: MATC J. Rubenfield et al.
APPLICANT: MATC J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT APPLICATION NUMBER: US/09/252,991A
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR PILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER: OF SEQ ID NOS: 33142
SEQ ID NO 28343
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FILE REFERENCE: 107196.136
CURRENT APPLICATION WUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR PILING DATE: 1998-02-18
FRIOR FILING DATE: 1998-07-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
LENGTH: 237
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100.0%; Pred. No. 2.9
:ive 0; Mismatches
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; ORGANISM: Staphylococcus epidermidis
US-09-134-001C-4165
                                                                                                                                                                                                                             ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-23304
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Best Local Similarity 100..
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Best Local Similarity
Matches 5; Conserv
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US-09-252-991A-28343
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TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196-132
CURRENT PAPLICATION NUMBER: US/09/248,796A
CURRENT PAPLICATION NUMBER: US 60/074,725
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR FILING DATE: 1998-02-13
PRIOR FILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
SEQ ID NOS: 28208
SEQ ID NOS: 28208
TYPE: PRI
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Sequence 21547, Application US/09252991A

Patent No. 655195

GENERAL INFORMATION:

APPLICANT: Marc J. Rubenfield et al.

APPLICANT: Marc J. Rubenfield et al.

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

FILE REFRENCE: 101196, 136

CURRENT APPLICATION NUMBER: US 60/074,788

PRIOR APPLICATION NUMBER: US 60/074,788

PRIOR APPLICATION NUMBER: US 60/094,190

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

LENGTH: 259
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                            ; ORGANISM: Candida albicans
US-09-248-796A-27518
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 100.
Matches 5; Conservative
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US-09-328-352-6699
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Query Match
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps
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14 MLETK 18

133 MLETK 137

Search completed: October 26, 2004, 07:25:08 Job time: 24.25 secs

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